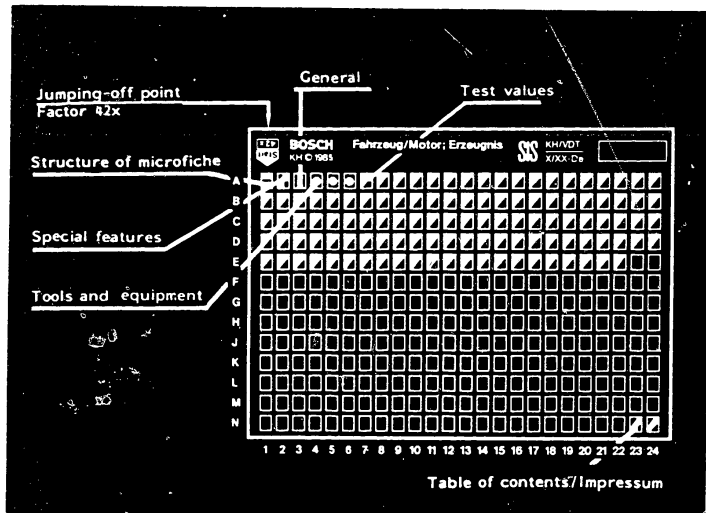


## Structure of microfiche

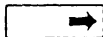


1. Read from left to right
2. Title of microfiche (appears on each coordinate)

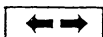
<b>E16</b>	Product/component/test step
	Vehicle/engine

Coordinate

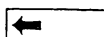
3. Limits of section



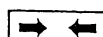
Beginning



Mid-section



End



One-page section

4. Purely vehicle-specific passages in the text are marked with a vertical bar.
5. Reference to relevant working steps in the test specifications, e.g. coordinate C6.

**C6**

**A1**

Test specifications



# 1. Special features:

Testing is possible only as dynamic testing on the respective vehicle.

The test procedure is geared to simulation of the lamp load with average lamps.

Shown next to the test specifications are the respective circuit diagrams of the magneto system.

This microcard supersedes the printed test specifications

W - 212/1001 ... 1009 Ed. 3

W - 212/1050 Ed. 3



## 2. General

- Set air gap between iron cores of ignition/generator armatures and flywheel: to 0.35 mm.
- Simulate test load with average lamps.

Example of how to determine an average lamp:  
Apply a voltage of 6.75 V to the commercially available lamp, e.g. 6 V/35 W, and measure the current after approx. 1 minute. Multiply the current reading by the voltage.

The result must be  $35 \text{ W} \pm 1 \%$ .

The voltage to be applied in the case of 12 V lamps is 13.5 V.



### 3. Test equipment and tools

Multimeter e.g.  
electrics tester

ETE 014.00 0 681 ...

Spring scale

commercially  
available

Feeler gauge

commercially  
available 0.1...1.0 mm

Tachometer  
mechanical or  
electronic

commercially  
available

Flywheel puller, see table

Flywheel puller KDLM ..	For flywheel magneto generators 0 212 ..
6793	411 005, ... 006
6794	112 066, ... 067, ... 074 123 018, ... 019, ... 022, ... 023
6795	112 040





# Test equipment and tools (Continued)

Flywheel puller KDLM ..	For flywheel magneto generators 0 212 ..
6797	<p>112 019, ... 024, ... 025, ... 034, ... 040, ... 043, ... 044, ... 045, ... 051, ... 053, ... 054, ... 055, ... 056, ... 057, ... 060, ... 061, ... 062, ... 063, ... 064, ... 065, ... 068, ... 069, ... 070, ... 079, ... 093, ... 095, ... 096, ... 097, ... 098, ... 099, ... 100,</p> <p>120 003, ... 004, ... 006, ... 007, ... 010, ... 012, ... 013, ... 020, ... 021, ... 022, ... 023, ... 024, ... 025, ... 026, ... 027, ... 028, ... 029, ... 032, ... 033, ... 034, ... 035, ... 038,</p> <p>121 002, ... 003, ... 004, ... 005, ... 006, ... 007, ... 008</p> <p>122 005, ... 006, ... 008, ... 011, ... 013, ... 014, ... 015, ... 016, ... 017, ... 018, ... 019, ... 020, ... 021, ... 022, ... 023, ... 024, ... 025, ... 026, ... 027, ... 028, ... 029, ... 030, ... 031, ... 032, ... 033, ... 034, ... 035, ... 036, ... 038, ... 039, ... 044, ... 045, ... 046, ... 047, ... 048, ... 051,</p> <p>123 012,</p> <p>124 007, ... 009, ... 011, ... 012, ... 014, ... 015, ... 016, ... 017, ... 018, ... 019, ... 020, ... 021, ... 023, ... 024, ... 026, ... 027, ... 028, ... 029, ... 030,</p>



# Test equipment and tools (Continued)

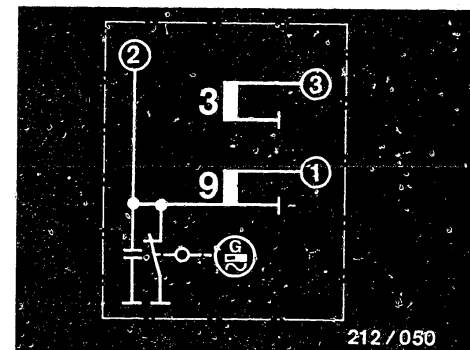
Flywheel puller KDLM..	For flywheel magneto generators 0 212 ..
6797	<p>124 031, ... 032, ... 033, ... 035, ... 037, ... 038, ... 039, ... 040, ... 041, ... 042, ... 043, ... 044, ... 045, ... 046, ... 047, ... 056, ... 057, ... 062, ... 064, ... 066, ... 067, ... 068, ... 069,</p> <p>126 002, ... 004, ... 005, ... 006, ... 007, ... 008, ... 009, ... 010, ... 011, ... 012, ... 013, ... 014, ... 016, ... 017,</p> <p>128 002, ... 003, ... 004,</p>
6798	<p>005 002, ... 004, ... 005, ... 006, ... 007, ... 008, ... 009, ... 010, ... 011, ... 012, ... 014, ... 017, ... 018, ... 019, ... 020, ... 021, ... 022, ... 023, ... 024, ... 026, ... 027, ... 029, ... 031, ... 032, ... 035,</p> <p>008 001, ... 002, ... 003, ... 004,</p> <p>009 001, ... 002, ... 003, ... 004, ... 005, ... 006,</p> <p>010 001, ... 002, ... 003, ... 004, ... 005, ... 006, ... 007, ... 008, ... 009, ... 010,</p> <p>123 011, ... 016, ... 017,</p>



#### 4. Test specifications

Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
005 002 KB 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 004 KB 6V 15W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 005 KB 6V 15W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 006 KB 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 007 KB 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 008 KB1 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 009 KB1 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 010 KB1 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 011 KB1 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 012 KB1 6V 17W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 014 KB1 6V 18W	o.	0,3...0,4	8,5...15,0	—	0,15...0,2	7,3-8,3	17	6000
005 017 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000

o. = top



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier.  
 To the loads if operated without rectifier

**A7**

Test specifications  
 Breaker-triggered magneto gen.



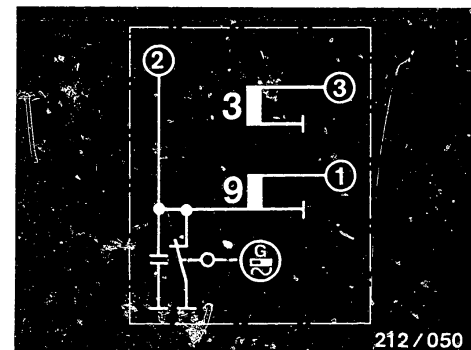
**A8**

Test specifications  
 Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Contact cap  mm	Ignition part			Generator part		
			Contact force  N	Prim.-ign. current armature  $\Omega$ (prim.)	Capacitor  $\mu F$	Voltage  V	Test load  W	Speed  $\text{min}^{-1}$
005 018 KD1 6V 18W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 019 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 020 KD1 6V 18W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 021 KD1 6V 18W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 022 KD1 6V 18W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 023 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 024 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 026 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 027 KD1 6V 18W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 029 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000
005 031 KD1 6V 23W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	6,0-6,8	23	6000
005 032 KD1 6V 23W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	6,0-6,8	23	6000
005 035 KD1 6V 17W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	7,3-8,3	17	6000

o. = top



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier.  
 To the loads if operated without  
 rectifier

**A9**

Test specifications  
Breaker-triggered magneto gen.



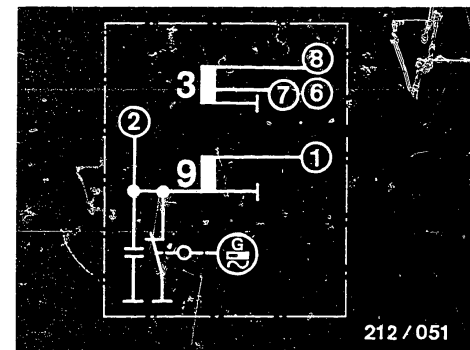
**A10**

Test specifications  
Breaker-triggered magneto gen.



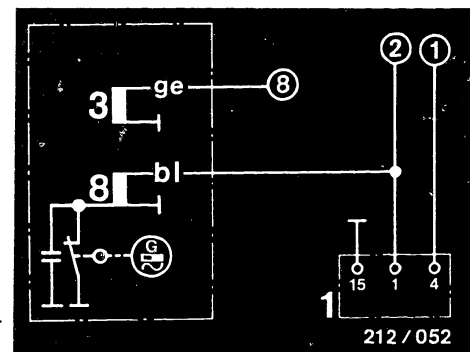
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
008 001 KL1 6V 15-3/5W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	6,7-7,7 5,3-6,3 7,0-8,0	15 3 5	6000
008 002 KD1 6V 15-3/5W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	6,7-7,7 5,3-6,3 7,0-8,0	15 3 5	6000
008 003 KD1 6V 15-3/15W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	6,7-7,7 5,3-6,3 7,0-8,0	15 3 5	6000
008 004 KD1 6V 15-3/5W	o.	0,3...0,4	8,5...15,0	1,3...1,6	0,15...0,2	6,7-7,7 5,3-6,3 7,0-8,0	15 3 5	6000
009 001 KPD1 6V 18W	u.	0,3...0,4	8,5...15,0	1,5...1,9	0,15...0,2	7,3-8,3	18	6000
009 002 KPD1 6V 23W	u.	0,3...0,4	8,5...15,0	1,5...1,9	0,15...0,2	5,9-6,9	23	6000
009 003 KPD1 6V 18W	u.	0,3...0,4	8,5...15,0	1,5...1,9	0,15...0,2	7,3-8,3	18	6000

o. = top      u. = bottom



212 / 051

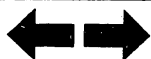
- 1 = Ignition coil  
3 = Generator armature  
8 = Primary-ignition-current armature  
9 = Ignition armature  
① = To spark plug  
② = To short-circuiting device  
⑥ = To tail lamp  
⑦ = To stop lamp  
⑧ = To headlamp  
bl = blue  
ge = yellow



212 / 052

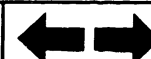
A11

Test specifications  
Breaker-triggered magneto gen.



A12

Test specifications  
Breaker-triggered magneto gen.

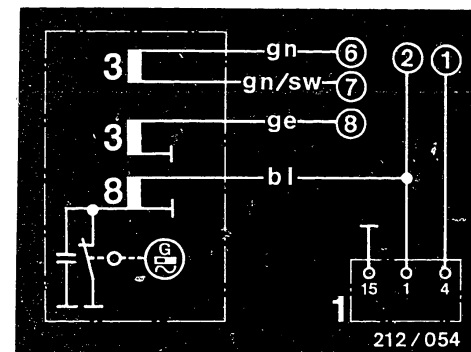




Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
010 001 KCP1 6V 27/10W	o.	0,3...0,4	8,5...15,0	1,1...1,4	0,15...0,2	6,8-7,8 6,7-7,7	27 10	6000
010 002 KCP 6V 27/10W	o.	0,3...0,4	8,5...15,0	1,1...1,4	0,15...0,2	6,8-7,8 6,7-7,7	27 10	6000
010 003 KCP1 6V 27/10W	u.	0,3...0,4	8,5...15,0	1,28...1,56	0,15...0,2	6,8-7,8 6,7-7,7	27 10	6000
010 004 KCP1 6V 27/15W 1)	u.	0,3...0,4	8,5...15,0	1,28...1,56	0,15...0,2	6,9-7,9 4,8-5,8	27 15	6000
010 005 KCP1 6V 27/15W 1)	u.	0,3...0,4	8,5...15,0	1,28...1,56	0,15...0,2	6,9-7,9 4,8-5,8	27 15	6000

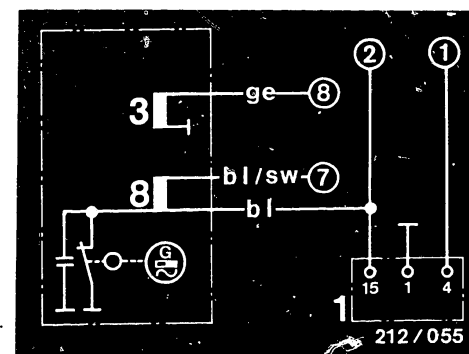
o. = top u. = bottom

1) Without battery charge from primary-ignition current armature



- 1 = Ignition coil  
3 = Generator armature  
8 = Primary-ignition-current armature  
① = To spark plug  
② = To short-circuiting device  
⑥ = To tail lamp  
⑦ = To stop lamp  
⑧ = To headlamp

bl = blue gn = green  
ge = yellow sw = black



**A15**

Test specifications

Breaker-triggered magneto gen.



**A16**

Test specifications

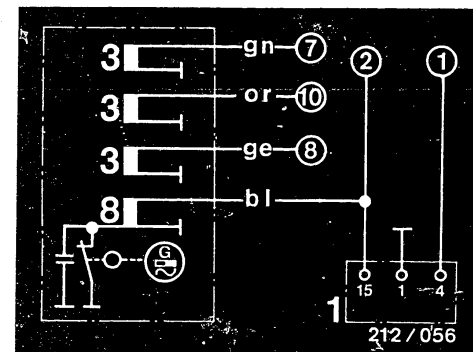
Breaker-triggered magneto gen.



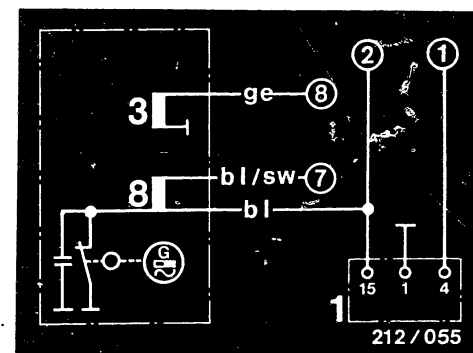
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
010 006 KCP1 6V 10-4/10W 1)	o.	0,3...0,4	8,5...15,0	1,1...1,4	0,15...0,2	7,0-8,0 7,0-8,0 5,7-6,7	10 4 10	6000
010 007 KDP1 6V 27/15W 2)	u.	0,3...0,4	8,5...15,0	1,28...1,56	0,15...0,2	6,9-7,9 4,8-5,4	27 15	6000
010 008 KDP1 6V 27/15W 2)	u.	0,3...0,4	8,5...15,0	1,28...1,56	0,15...0,2	6,9-7,9 4,8-5,4	27 15	6000

o. = top u. = bottom

- 1) Stop lamp short-circuited for headlamp measurement  
Headlamp short-circuited for stop-lamp measurement  
Headlamp and stop lamp short-circuited for turn-signal lamp measurement
- 2) Load stop lamp additionally with 6.2  $\Omega$   
Headlamp armature unloaded for turn-signal measurement.  
No battery charge from primary-ignition-current armature



- 1 = Ignition coil  
3 = Generator armature  
8 = Primary-ignition-current armature  
① = To spark plug  
② = To short-circuiting device  
⑥ = To tail lamp  
⑦ = To stop lamp  
⑧ = To headlamp  
⑩ = To turn-signal lamp  
bl = blue sw = black  
ge = yellow or = orange  
gn = green



**A17**

Test specifications

Breaker-triggered magneto gen.



**A18**

Test specifications

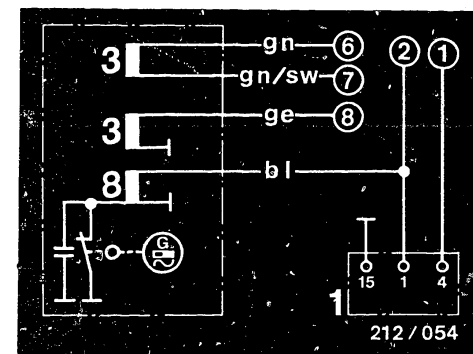
Breaker-triggered magneto gen.



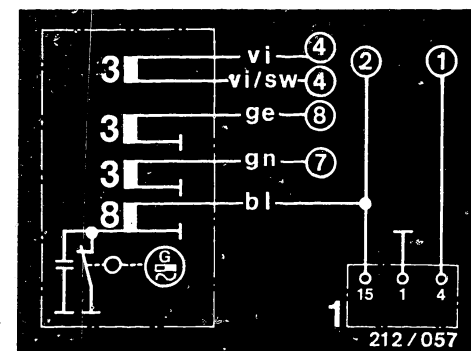


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
010 009 KCP1 6V 32/10W	o.	0,3...0,4	8,5...15,0	1,1...1,4	0,15...0,2	6,3-7,3 6,9-7,9	32 10	6000
010 010 KCP1 6V 19-10/5W	u.	0,3...0,4	8,5...15,0	1,7...2,1	0,15...0,2	6,3-7,3 6,3-7,3 7,2-8,2	19 10 5	6000

o. = top      u. = bottom  
 Legend (continued)  
 bl = blue      vi = violet  
 ge = yellow    gr = gray  
 gn = green  
 sw = black



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



**A19**

Test specifications  
 Breaker-triggered magneto gen.



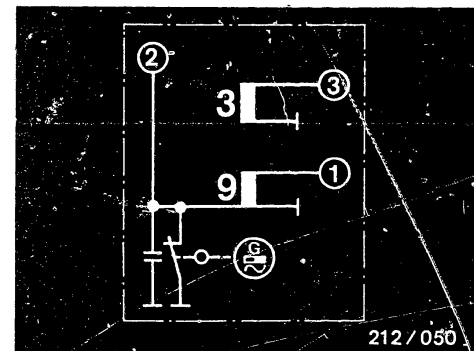
**A20**

Test specifications  
 Breaker-triggered magneto gen.

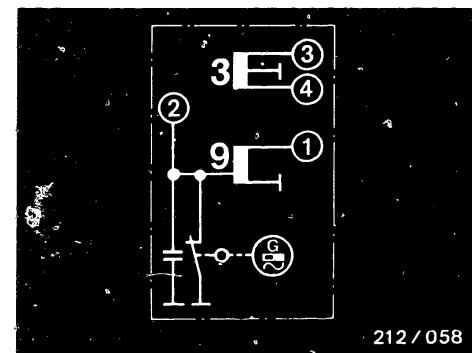


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
112 019 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 024 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 025 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 034 RB1 6V 17W	o.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 038 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 040 RB1 6V 17W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 042 RB1 6V 17W	o.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 043 RB1 6V 17W	o.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 044 RB1 6V 16W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 045 RB1 6V 16W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 049 RB1 6V 17W	o.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 051 RB1 6V 17W	o.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000
112 052 RB1 6V 17W	o.	0,35...0,45	6,5...10,5		0,15...0,2	7,3-8,3	17	6000

o. = top      u. = bottom



- 3 = Generator armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier.
- To the loads if operated without rectifier
- ④ = To rectifier. Insulate lead if operated without rectifier.



**A21**

Test specifications  
Breaker-triggered magneto gen.



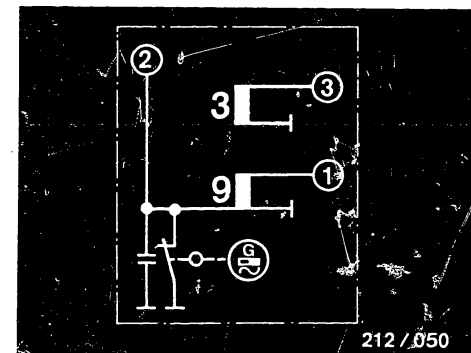
**A22**

Test specifications  
Breaker-triggered magneto gen.

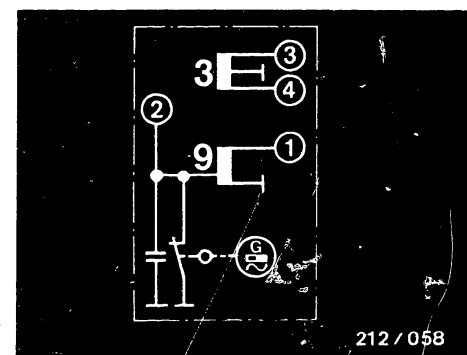


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
112 053 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 054 RB1 6V 18W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 055 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 056 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 057 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 058 RB1 6V 16W	u.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 059 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 060 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 061 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 062 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000

o. = top      u. = bottom



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier.  
 To the loads if operated without rectifier  
 ④ = To rectifier. Insulate lead if operated without rectifier.



**A23**

Test specifications  
 Breaker-triggered magneto gen.



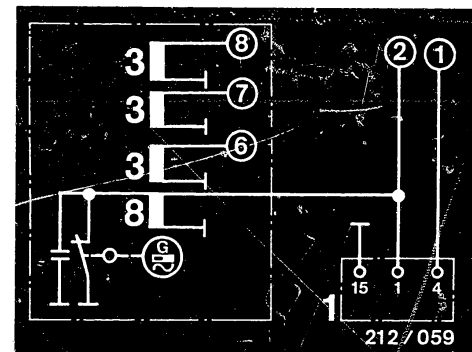
**A24**

Test specifications  
 Breaker-triggered magneto gen.

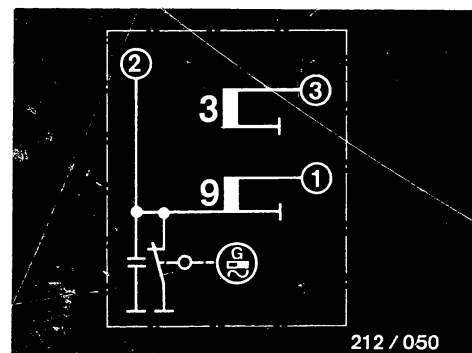


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
112 063 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 064 RB1 6V 17W	u.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 065 RB1 6V 17W	u.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
115 066 RB1 6V 17W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 067 RB1 6V 17W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000

o. = top      u. = bottom



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



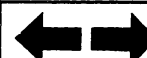
**B1**

Test specifications  
Breaker-triggered magneto gen.



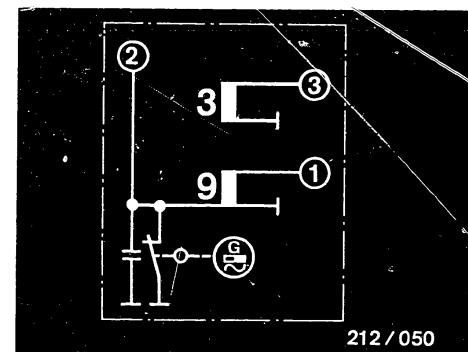
**B2**

Test specifications  
Breaker-triggered magneto gen.

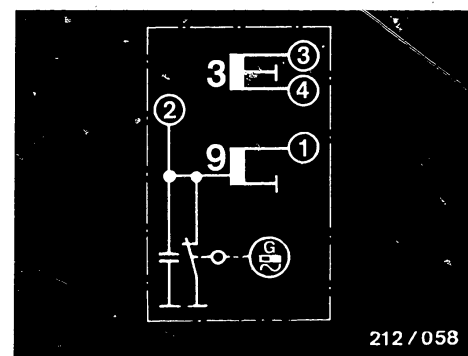


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
112 068 RB1 6V 18W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 069 RB1 6V 18W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
112 070 RB1 6V 18W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 071 RB1 12V 18W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	12,6-13,5	5	6000
112 072 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 073 RB1 6V 16W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 074 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 075 RB1 6V 17W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 076 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,3-8,3	17	6000
112 078 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 079 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000
112 080 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3-8,3	17	6000

o. = top      u. = bottom



- 3 = Generator armature  
9 = Ignition armature  
① = To spark plug  
② = To short-circuiting device  
③ = To rectifier. To the loads if operated without rectifier.  
④ = To rectifier. Insulate lead if operated without rectifier.



**B3**

Test specifications  
Breaker-triggered magneto gen.



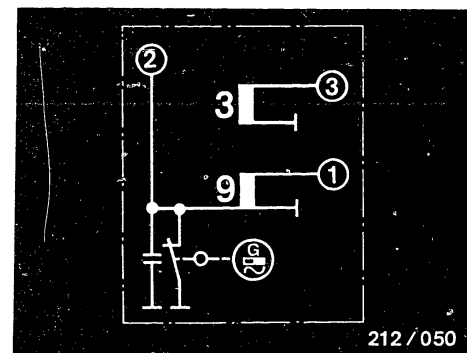
**B4**

Test specifications  
Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
112 081 RD1 12V 18W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	14,7-15,7	18	6000
112 083 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 084 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 085 RD1 6V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 086 RB1 5V 17W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 089 RB1 6V 10W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,3- 8,3	10	6000
112 090 RD1 6V 17W	o.	0,35...0,45	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 091 RD1 6V 17W	o.	0,35...0,45	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 092 RD1 6V 17W	o.	0,35...0,45	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 093 RD1 6V 17W	o.	0,35...0,45	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 094 RD1 6V 17W	o.	0,35...0,45	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 095 RD1 6V 17W	o.	0,25...0,5	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000
112 096 RD1 6V 17W	o.	0,25...0,5	8,0...12,0	1,0...1,2	0,15...0,2	7,3- 8,3	17	6000

o. = top



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.

**B5**

Test specifications  
 Breaker-triggered magneto gen.



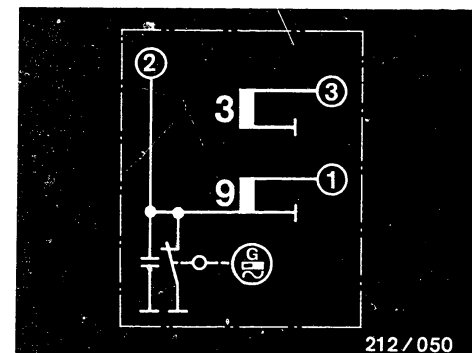
**B6**

Test specifications  
 Breaker-triggered magneto gen.

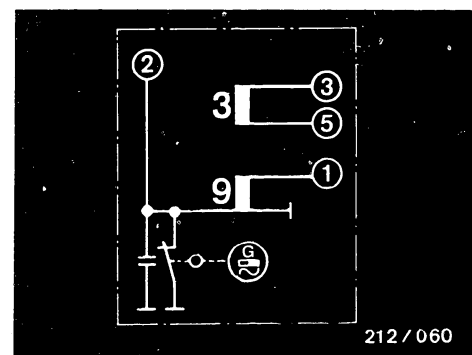


Part number Type code 0 212 ..	For diagram see	Contact cap mm	Ignition part			Generator part		
			Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
112 097 RD1 6V 17W	o.	0,25...0,50	8,0...12,0	1,0...1,2	0,15...0,20	7,3-8,3	17	6000
112 098 RD1 6V 17W	o.	0,25...0,50	8,0...12,0	1,0...1,2	0,15...0,20	7,3-8,3	17	6000
112 099 RD1 6V 17W	o.	0,25...0,50	8,0...12,0	1,0...1,2	0,15...0,20	7,3-8,3	17	6000
112 100 RD1 6V 17W	o.	0,35...0,45	8,0...12,0	1,0...1,2	0,15...0,20	7,3-8,3	17	6000
112 102 RD1 12V 18W	o.	0,25...0,50	8,0...12,0	1,8...2,2	0,15...0,20	14,7-15,7	18	6000
112 103 RD1 6V 17W	o.	0,25...0,50	8,0...12,0	1,0...1,2	0,15...0,20	7,3-8,3	17	6000
120 003 RC1 6V 29/5 W	u.	0,35...0,45	10,0...15,0	—	0,24...0,3	6,9-7,9 6,4-7,4	29 5	6000
120 004 RC1 6V 29W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	7,0-8,0	29	6000

o. = top      u. = bottom



- 3 = Generator armature  
9 = Ignition armature  
① = To spark plug  
② = To short-circuiting device  
③ = To rectifier. To the loads if operated without rectifier  
⑤ = To rectifier. Lead to ground if operated without rectifier.



**B7**

Test specifications  
Breaker-triggered magneto gen.

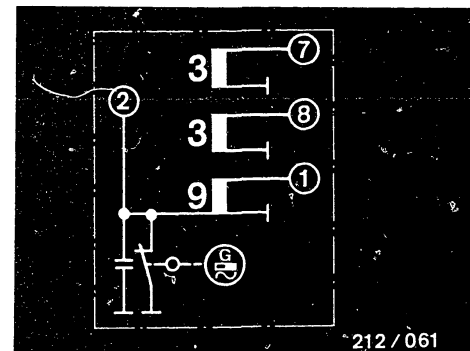


**B8**

Test specifications  
Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap	Contact force	Prim.-ign. current armature	Capacitor	Voltage	Test load	Speed
		mm	N	$\Omega$ (prim.)	$\mu F$	V	W	min <sup>-1</sup>
120 006 RC1 6V 29/5W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	6,9-7,9 6,4-7,4	29 5	6000
120 007 RC1 6V 29/5W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	6,9-7,9 6,4-7,4	29 5	6000
120 010 RC1 6V 29/5W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	6,9-7,9 6,4-7,4	29 5	6000
120 012 RC1 6V 29/5W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	6,9-7,9 6,4-7,4	29 5	6000
120 013 RD1 6V 29/5W	o.	0,35...0,45	10,0...15,0	1,8...2,2	0,24...0,3	6,9-7,9 6,4-7,4	29 5	6000



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ⑦ = To stop lamp  
 ⑧ = To headlamp

o. = top

**B9**

Test specifications  
Breaker-triggered magneto gen.



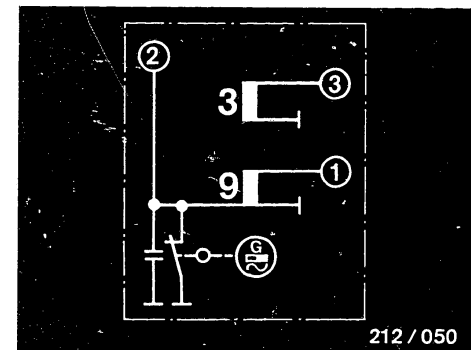
**B10**

Test specifications  
Breaker-triggered magneto gen.



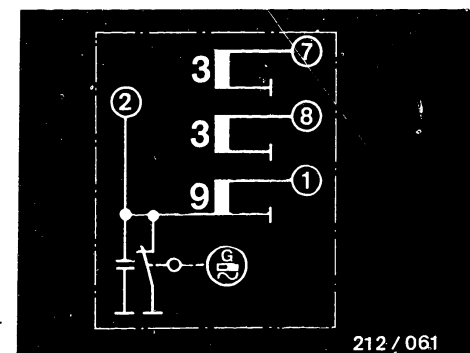


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
120 020 RC1 6V 24W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,2-7,2	24	6000
120 021 RD1 6V 29/5W	u.	0,35...0,45	10,0...15,0	1,8...2,2	0,24...0,3	6,9-7,9 6,4-7,4	29 5	6000
120 022 RD1 6V 29/5W	u.	0,35...0,45	6,5...10,5	1,8...2,2	0,24...0,3	6,9-7,9 6,4-7,4	29 5	6000
120 023 RD1 12V 30W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	12,2-13,2	30	6000
120 024 RD1 6V 29/5W	u.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	6,9-7,9 6,4-7,4	29 5	6000



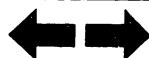
- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ⑦ = To stop lamp  
 ⑧ = To headlamp

o. = top      u. = bottom



**B11**

Test specifications  
Breaker-triggered magneto gen.



**B12**

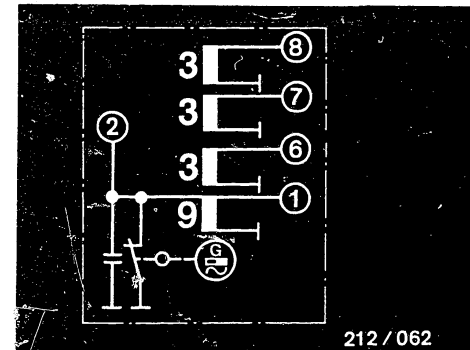
Test specifications  
Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
120 025 RD1 6V 19-10/5W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	6,5-7,5 1) 5,8-6,8	19 5	6000
120 026 RD1 6V 19-10/5W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	6,5-7,5 1) 5,8-6,8	19 5	6000
120 027 RD1 6V 19-10/5W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	6,5-7,5 1) 5,8-6,8	19 5	6000
120 028 RD1 6V 19-10/5W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	6,5-7,5 1) 5,8-6,8	19 5	6000
120 029 RD1 6V 19-10/5W	o. 2)	0,25...0,50	6,5...10,5	1,0...1,2	0,15...0,2	6,5-7,5 5,8-6,8	19 5	6000
120 032 RD1 6V 19-10/5W	o. 2)	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,7-7,7	19 5	6000
120 033 RD1 6V 19-10/5W	o. 2)	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,7-7,7	19 5	6000
120 034 RD1 6V 19-10/5W	o. 2)	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,7-7,7	19 5	6000
120 035 RD1 6V 19-10/5 W	o. 2)	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,7-7,7	19 5	6000
120 038 RD1 12V/ 25W		0,25...0,50	8 ... 12	1,8...2,2	0,15...0,2	15,5-16,5	25	6000

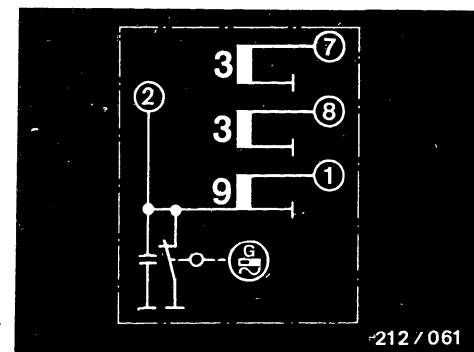
1) Load tail-lamp armature with battery via bridge rectifier. o. = top

2) For 10 W power measurement, load armature with battery via bridge rectifier.



212 / 062

- 3 = Generator armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



212 / 061

**B13**

Test specifications

Breaker-triggered magneto gen.



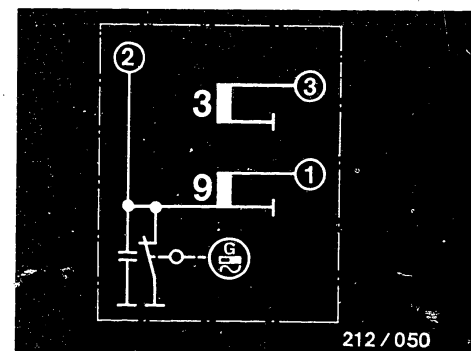
**B14**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
121 002 RB1 6V 19W	o.	0,35...0,45	6,5...10,5		0,15...0,2	6,5-7,5	19	6000
121 003 RB1 12V 19W	o.	0,35...0,45	6,5...10,5		0,24...0,3	6,5-7,5	19	6000
121 004 RB1 12V 19W	o.	0,35...0,45	6,5...10,5		0,15...0,2	6,5-7,5	19	6000
121 005 RB1 6V 19W	o.	0,35...0,45	6,5...10,5		0,15...0,2	6,5-7,5	19	6000
121 006 RD1 6V 19W	o.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,7-7,7	19	6000
121 007 RD1 6V 17W	o.	0,25...0,50	8 ... 12	1,8...2,2	0,15...0,2	7,5-8,5	17	6000
121 008 RD1 6V 19W	o.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,7-7,7	19	6000



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.

o. = top

**B 15**

Test specifications  
Breaker-triggered magneto gen.



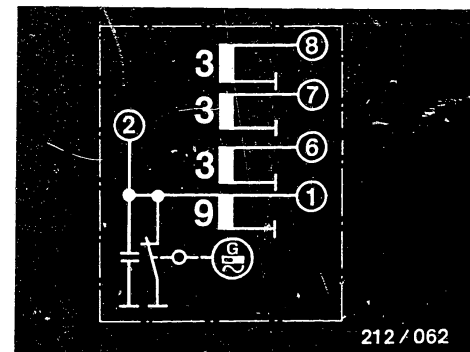
**B 16**

Test specifications  
Breaker-triggered magneto gen.



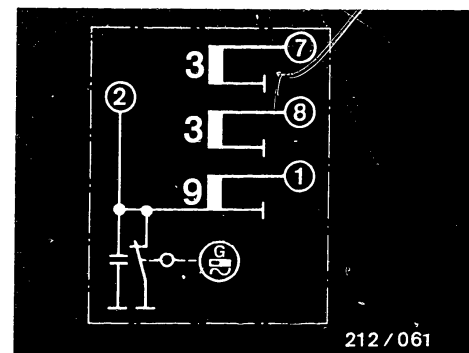
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap	Contact force	Prim.-ign. current armature	Capacitor	Voltage	Test load	Speed
		mm	N	$\Omega$ (prim.)	$\mu F$	V	W	min <sup>-1</sup>
122 005 RB1 6V 18-3/5W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	8,0-9,0 7,5-8,5 8,5-9,5	15 3 5	6000
122 006 RB1 6V 18-3/5W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	8,0-9,0 7,5-8,5 8,5-9,5	15 3 5	6000
122 008 RB1 12V 17/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 011 RD1 6V 19/5W	u.	0,35...0,45	6,5...10,5		0,24...0,3	7,8-8,8 6,8-7,8	17 5	6000
122 013 RB1 6V 18/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 014 RB1 6V 17/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 015 RB1 6V 17/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 016 RB1 6V 17/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 017 RB1 6V 18/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 018 RB1 6V 15-3/5W	u.	0,35...0,45	6,5...10,5		0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000

o. = top u. = bottom



212/062

- 3 = Generator armature  
9 = Ignition armature  
① = To spark plug  
② = To short-circuiting device  
⑥ = To tail lamp  
⑦ = To stop lamp  
⑧ = To headlamp



212/061

**B17**

Test specifications

Breaker-triggered magneto gen.



**B18**

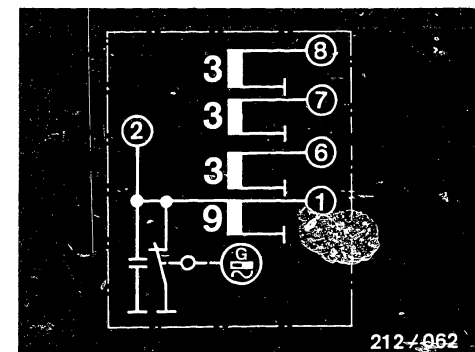
Test specifications

Breaker-triggered magneto gen.

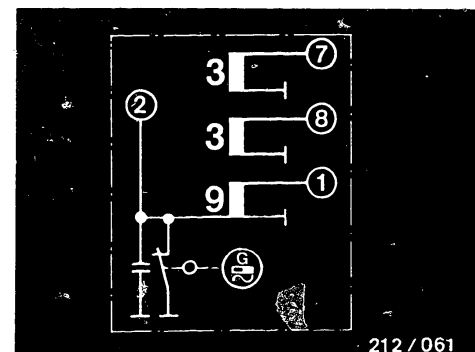


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap	Contact force	Prim.-ign. current armature	Capacitor	Voltage	Test load	Speed
		mm	N	$\Omega$ (prim.)	$\mu F$	V	W	$\text{min}^{-1}$
122 019 RB1 6V 17/5W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 020 RB1 6V 15/3W	u.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,2-8,2 7,3-8,3	15 3	6000
122 021 RB1 6V 19/5W	u.	0,35...0,45	6,5...10,5	—	0,24...0,3	7,8-8,8 6,8-7,8	17 5	6000
122 022 RD1 6V 15-3/5W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000
122 023 RB1 6V 15-3/5W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000

o. = top      u. = bottom



- 3 = Generator armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier
- ⑦ = To stop lamp
- ⑧ = To headlamp



**B 19**

Test specifications  
Breaker-triggered magneto gen.



**B 20**

Test specifications  
Breaker-triggered magneto gen.



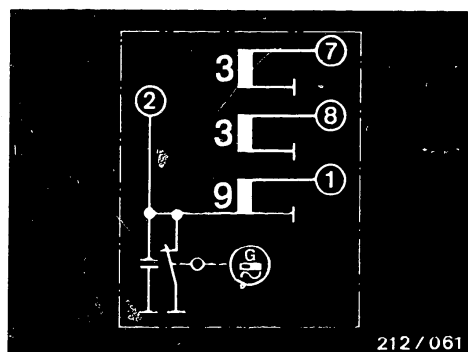
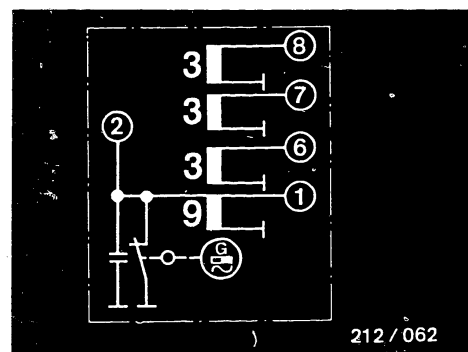
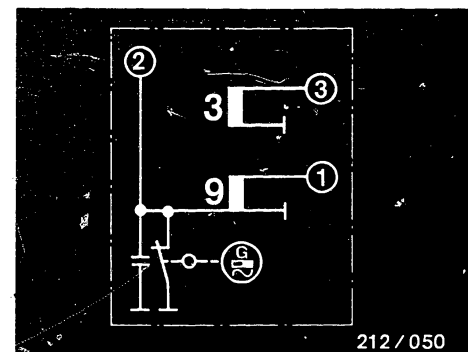
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
122 024 RB1 6V 15-3/5W	o.	0,35...0,45	6,5...10,5	—	0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000
122 025 RD1 6V 19/5W	u.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,9-7,9 6,0-7,0	19 5	6000
122 026 RD1 6V 19/5W	u.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,9-7,9 6,0-7,0	19 5	6000
122 027 RB1 6V 17/5W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,24...0,3	7,8-8,8 6,8-7,8	17 5	6000
122 028 RB1 6V 17/5W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000
122 029 RB1 6V 15-3/5W	M	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000
122 030 RD1 6V 17/5W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,24...0,3	7,8-8,8 6,8-7,8	17 5	6000

**Legend:**

- 3 = Generator armature  
9 = Ignition armature  
① = To spark plug  
② = To short-circuiting device

- ③ = To rectifier. To the loads  
if operated without rectifier.  
⑥ = To tail lamp  
⑦ = To stop lamp  
⑧ = To headlamp

o. = top u. = bottom M = center



**B21**

Test specifications  
Breaker-triggered magneto gen.



**B22**

Test specifications  
Breaker-triggered magneto gen.

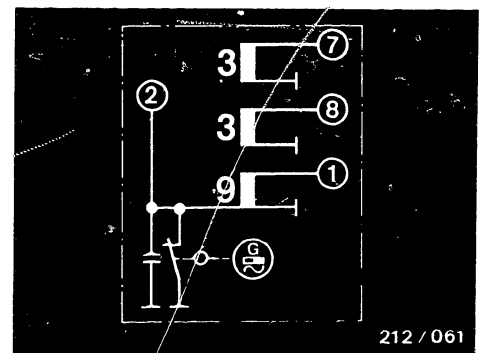
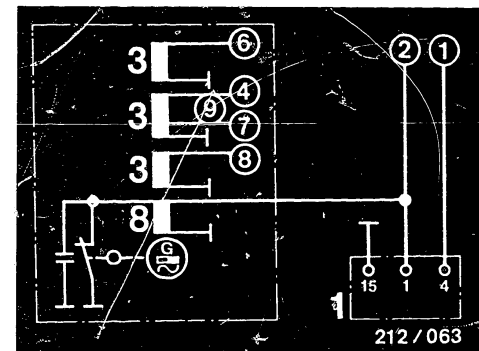


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
122 031 RD1 6V 15/5-3W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	8,0-9,0 7,4-8,4 8,5-9,5	15 3 5	6000
122 032 RD1 6V 15/5-3W	o.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	8,9-9,0 7,4-8,4 8,5-9,5	15 3 5	6000
122 033 RD1 6V 15-3W	u.	0,35...0,45	6,5...10,5	1,8...2,2	0,15...0,2	7,2-8,2 7,3-8,3	15 3	6000
122 034 RD1 6V 19/6W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	6,9-7,9 6,0-7,0	19 6	6000
122 035 RD1 6V 17/5W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,8-8,8 6,8-7,8	17 5	6000

#### Legend:

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp
- ⑨ = Only one lead may be connected

o. = top      u. = bottom



**B23**

Test specifications

Breaker-triggered magneto gen.



**B24**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ...	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
122 036 RD1 6V 15-3/5W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000
122 038 RD1 6V 15-3/5W	o.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	7,0-8,0 6,9-7,9 6,5-7,5	15 3 5	6000
122 039 RD1 6V 19/5W	u.	0,35...0,45	6,5...10,5	0,43...0,53	0,15...0,2	6,9-7,9 6,0-7,0	19 5	6000
122 044 RD1 6V 19/5W	u.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,8-7,8	19 5	6000
122 045 RD1 6V 19/5W	u.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,8-7,8	19 5	6000
122 046 RD1 6V 17/5W	u.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,8-7,8	19 5	6000
122 047 RD1 6V 19/5W	u.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,8-7,8	19 5	6000
122 048 RD1 6V 17/5W	u.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,8-7,8	19 5	6000
122 051 RD1 6V 19/5W	u.	0,25...0,50	8 ... 12	1,0...1,2	0,15...0,2	6,8-7,8 6,8-7,8	19 5	6000

1) Stop lamp unloaded for headlamp measurement.  
Headlamp unloaded for stop-lamp measurement.

o. = top u. = bottom

**C1**

Test specifications

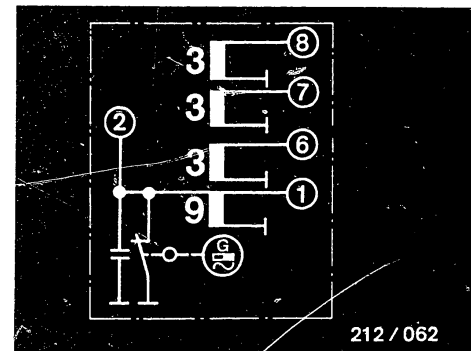
Breaker-triggered magneto gen.



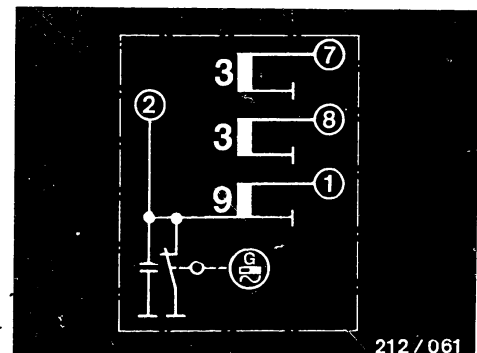
**C2**

Test specifications

Breaker-triggered magneto gen.



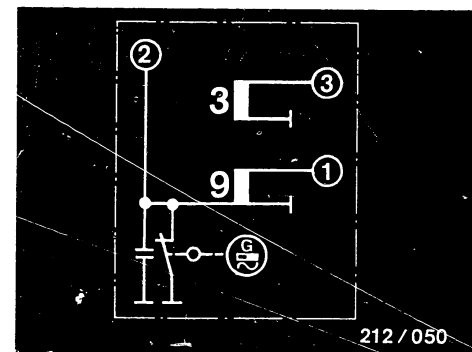
- 3 = Generator armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



212 / 061



Part number Type code 0 212 ...	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
123 011 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 012 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 016 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 017 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 018 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 019 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 022 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000
123 023 PB1 6V 17W	o.	0,3...0,4	6,5...10,5	—	0,15...0,2	7,3-8,3	17	6000



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier

o. = top

**C3**

Test specifications  
Breaker-triggered magneto gen.



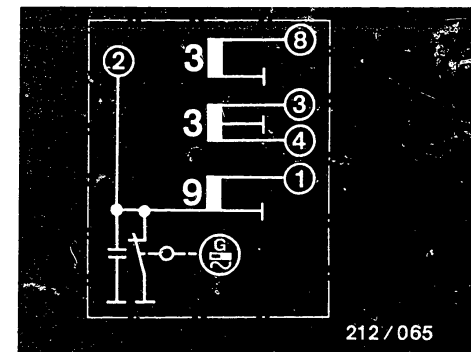
**C4**

Test specifications  
Breaker-triggered magneto gen.





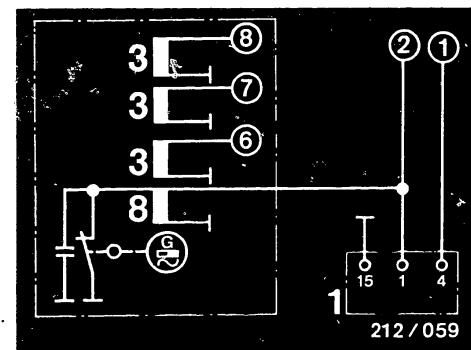
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 016 RCP1 6V 35-9/18W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,24...0,3	7,5-8,5 6,3-7,0 6,3-7,0	35 9 18	6000
124 017 RCP1 6V 25-4/5W	u.	0,35...0,45	10,0...15,0	0,52...0,64	0,24...0,3	6,5-7,5 5,9-6,9 6,3-7,3	25 4 5	6000



#### Legend:

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- 9 = Ignition armature
- ① = To ignition coil
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp

o. = top u. = bottom



**C7**

Test specifications

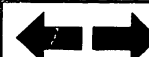
Breaker-triggered magneto gen.



**C8**

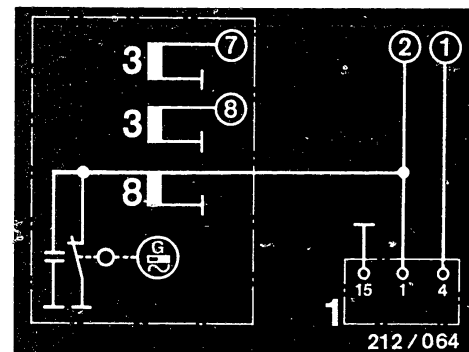
Test specifications

Breaker-triggered magneto gen.

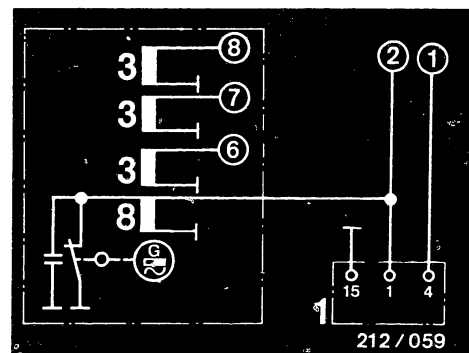


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 018 RCP1 6V 36/18W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	5,8-7,0 6,0-7,2	36 18	6000
124 019 RCP1 6V 35+5/18W	u.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000
124 020 RCP1 6V 30-5/18W	u.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	30 5 18	6000
124 021 RCP1 6V 25-4/5W	u.	0,35...0,45	10,0...15,0	1,0...1,2	0,15...0,2	6,5-7,5 5,9-6,9 6,3-7,3	25 4 5	6000
124 023 RCP1 6V 25-4/5W	u.	0,35...0,45	10,0...15,0	0,52...0,64	0,24...0,3	6,5-7,5 5,9-6,9 6,3-7,3	25 4 5	6000
124 024 RCP1 6V 35-5/18W	u.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000

o. = top      u. = bottom



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



**C9**

Test specifications  
Breaker-triggered magneto gen.

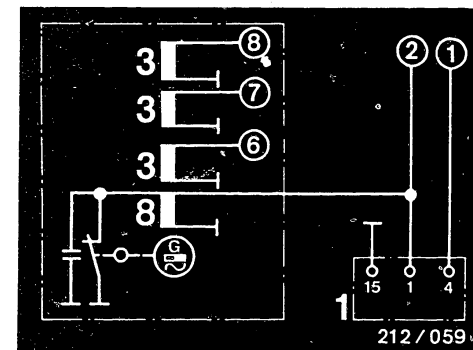


**C10**

Test specifications  
Breaker-triggered magneto gen.



Part number Type code 0 212 ..	Contact cap mm	For diagram see	Ignition part			Generator part		
			Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 026 RCP1 6V 25/4/5W	o.	0,35...0,45	10,0...15,0	0,52...0,64	0,24...0,3	6,5-7,5 5,9-6,9 6,3-7,3	25 4 5	6000
124 027 RCP1 6V 25-4/5W	o.	0,35...0,45	10,0...15,0	0,52...0,64	0,24...0,3	6,5-7,5 5,9-6,9 6,3-7,3	25 4 5	6000
124 028 RCP1 6V 35-5/18W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000
124 029 RCP1 6V 35-5/18W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000
124 030 RCP1 6V 35-5/18W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000
124 031 RCP1 6V 35-5/18W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000



- 1 = Ignition coil  
3 = Generator armature  
8 = Primary-ignition-current armature  
① = To spark plug  
② = To short-circuiting device  
⑥ = To tail lamp  
⑦ = To stop lamp  
⑧ = To headlamp

o. = top

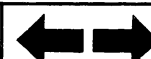
**C11**

Test specifications  
Breaker-triggered magneto gen.



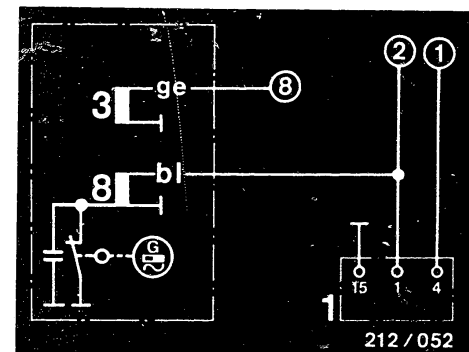
**C12**

Test specifications  
Breaker-triggered magneto gen.

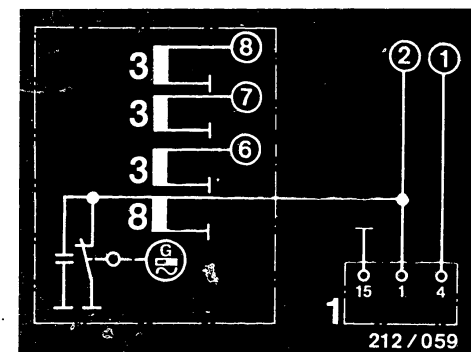


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 032 RCP1 6V24W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,2-7,2	24	6000
124 033 RDP1 6V 25-4/5W	u.	0,35...0,45	10,0...15,0	0,52...0,64	0,24...0,3	6,5-7,5 5,9-6,9 6,3-7,3	25 4 5	6000
124 035 RCP1 6V 35-5/18W	u.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000
124 037 RCP1 6V 35-5/18W	u.	0,35...0,45	10,0...15,0	1,0...1,2	0,24...0,3	6,8-7,8 5,8-6,8 6,3-7,3	35 5 18	6000
124 038 RCP1 6V 22-5/18W	u.	0,35...0,45	6,5...10,5	1,0...1,2	0,24...0,3	7,3-8,3 7,2-8,2 6,3-7,3	22 5 18	6000
124 039 RCP1 6V 22-5/10W	u.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	6,8-7,8 5,9-6,9 7,0-8,0	22 5 10	6000

o. = top      u. = bottom



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



**C13**

Test specifications

Breaker-triggered magneto gen.



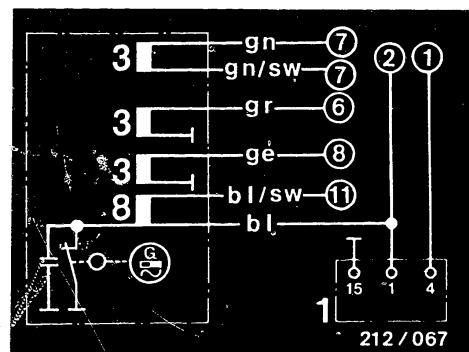
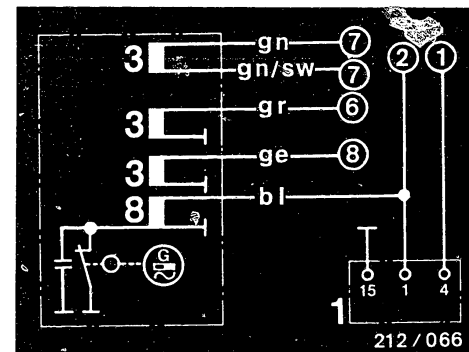
**C14**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 040 RPD1 6V 22-5/10W	o. <sup>1)</sup>	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	5,8-6,8 6,3-7,3 6,8-7,8	22 5 10	6000
124 041 RDP1 6V 22-5/10W	o. <sup>1)</sup>	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	5,8-6,8 6,3-7,3 6,8-7,8	22 5 10	6000
124 042 RDP1 6V 22-5/10W	o.	0,35...0,45	6,5...10,5	1,0...1,2	0,15...0,2	5,8-6,8 6,3-7,3 6,8-7,8	22 5 10	6000
124 043 RDP1 6V 26-5/10W	u.	0,35...0,45	6,5...10,5	0,76...0,94	0,15...0,2	6,5-7,5 6,5-7,5 7,0-8,0	26 5 10	6000
124 044 RDP1 6V 26-5/10W	u.	0,35...0,45	6,5...10,5	0,72...0,88	0,15...0,2	6,5-7,5 6,5-7,5 7,0-8,0	26 5 10	6000



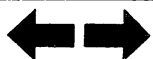
<sup>1)</sup> Load ignition side with 6 mm spark gap for stop-lamp measurement.  
Load headlamp with 20.8 W for tail-lamp measurement.

o. = top      u. = bottom

**C15**

Test specifications

Breaker-triggered magneto gen.



**C16**

Test specifications

Breaker-triggered magneto gen.



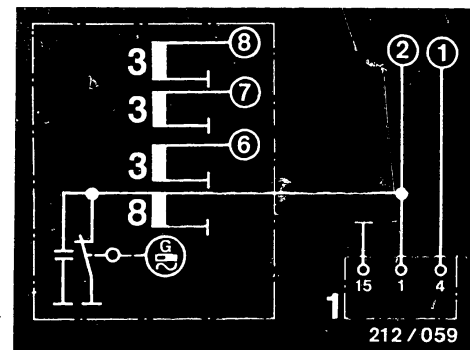
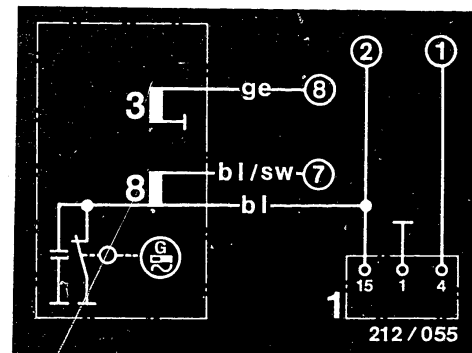
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 045 RDP1 6V 23/15W	o.	0,35...0,45	10,0...15,0	0,72...0,88	0,15...0,2	6,7-7,7 6,1-7,1	23 10	6000
124 046 RDP1 6V 27/15W	o.	0,35...0,45	10,0...15,0	0,72...0,88	0,15...0,2	7,0-8,0 5,3-6,3 6,0-7,0	27 10 10	6000
124 047 RDP1 6V 25-4/5W	u.	0,35...0,45	10,0...15,0	0,52...0,64	0,15...0,2	6,7-7,7 5,8-6,8 6,2-7,2	25 4 5	6000

#### Legend:

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads  
if operated without rectifier
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp

bl = blue  
ge = yellow  
sw = black

o. = top u. = bottom



**C17**

Test specifications  
Breaker-triggered magneto gen.



**C18**

Test specifications  
Breaker-triggered magneto gen.



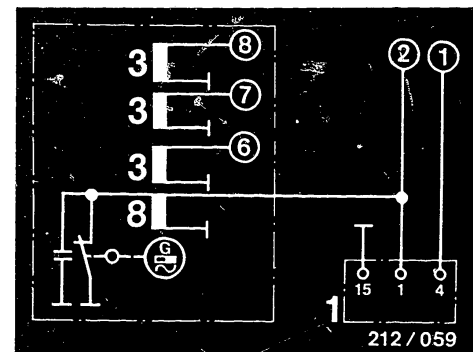




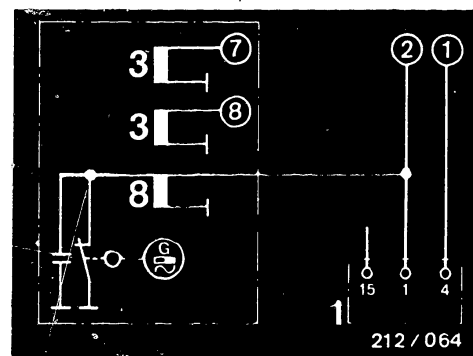
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
124 066 RDP1 6V 22/18W	o. <sup>1)</sup>	0,25...0,5	8 ... 12	—	0,15...0,2	6,9-7,9 7,3-8,3	22 18	6000
124 067 RDP1 6V 25-4/10W	o.	0,25...0,5	8 ... 12	0,7...0,9	0,15...0,2	6,8-7,8 6,6-7,6	25 4	6000
124 068 RDP1 6V 19/10W	u.	0,25...0,5	8 ... 12	—	0,15...0,2	6,9-7,9 6,7-7,7	19 10	6000
124 069 RDP1 6V 22/18W	o. <sup>1)</sup>	0,25...0,5	8 ... 12	—	0,15...0,2	6,9-7,9 7,3-8,3	22 18	6000

1) Stop-lamp armature loaded for headlamp measurement.  
Headlamp armature loaded for stop-lamp measurement.

o. = top      u. = bottom



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



**G21**

Test specifications

Breaker-triggered magneto gen.



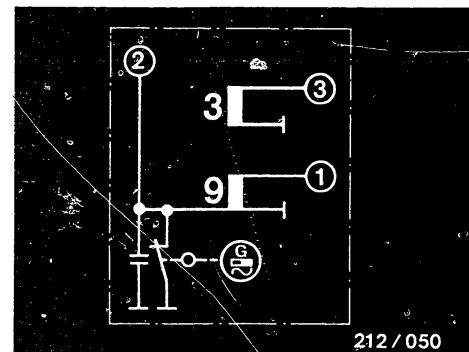
**G22**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
126 002 RBP1 6 V 17W	o.	0,35...0,45	10,0...15,0	1,0...1,2	0,15...0,2	7,3-8,3	17	6000



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.

o. = top

**C23**

Test specifications

Breaker-triggered magneto gen.



**C24**

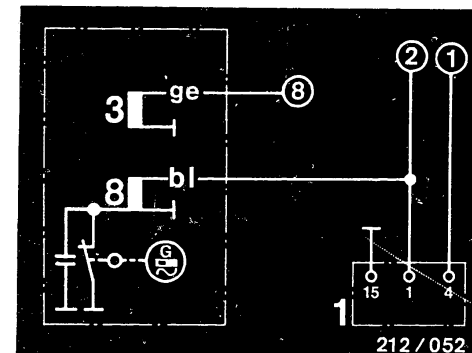
Test specifications

Breaker-triggered magneto gen.

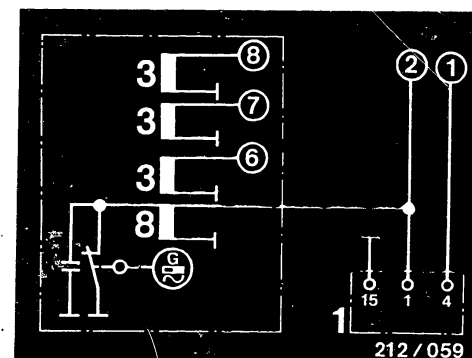


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
126 004 RBP1 6V 17W	o.	0,35...0,45	6,5...10,5	0,76...0,94	0,15...0,2	7,3-8,3	17	6000
126 005 RDP1 6V 22W	o.	0,35...0,45	6,5...10,5	1,25...1,55	0,15...0,2	6,8-7,8	22	6000
126 006 RDP1 6V 15/3-5W	u.	0,35...0,45	6,5...10,5	0,76...0,94	0,15...0,2	6,7-7,7 7,0-8,0 7,5-8,5	15 3 5	6000
126 007 RDP1 6V 17W	o.	0,35...0,45	6,5...10,5	0,76...0,94	0,15...0,2	6,8-7,8	18	6000
126 008 RDP1 6V 18W	o.	0,35...0,45	6,5...10,5	0,76...0,94	0,15...0,2	6,8-7,8	18	6000

o. = top      u. = bottom



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp



**D1**

Test specifications  
Breaker-triggered magneto gen.



**D2**

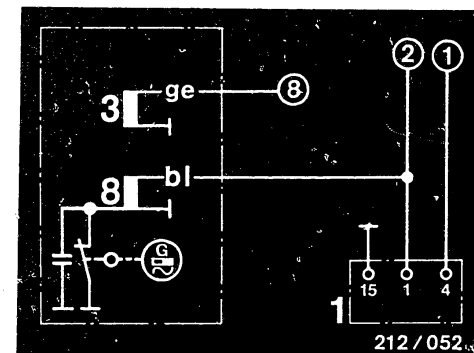
Test specifications  
Breaker-triggered magneto gen.



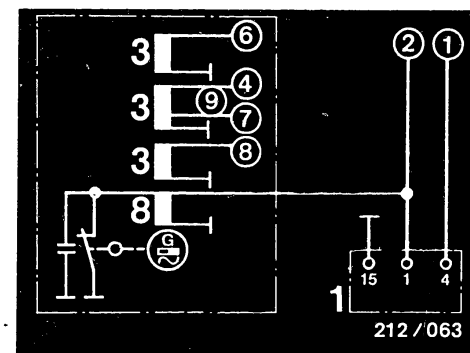


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
126 011 RDP1 6V 18W	o.	0,25...0,5	8 ... 12	—	0,15...0,2	6,8-7,8	18	6000
126 012 RDP1 6V 17W	o.	0,25...0,5	8 ... 12	—	0,15...0,2	6,8-7,8	17	6000
126 013 RDP1 6V 17W	o.	0,25...0,5	8 ... 12	—	0,15...0,2	6,8-7,8	17	6000
126 014 RDP1 6V 15+5-3/10W	u.	0,25...0,5	8 ... 12	—	0,15...0,2	6,9-7,9 6,7-7,7 6,5-7,5 7,5-8,5	15 3 5 10	6000
126 016 RDP1 6V 18W	o.	0,25...0,5	8 ... 12	—	0,15...0,2	6,8-7,8	18	6000
126 017 RDP1 6V 19W	o.	0,25...0,5	8 ... 12	—	0,15...0,2	6,7-7,7	19	6000

o. = top      u. = bottom



- 1 = Ignition coil  
 3 = Generator armature  
 8 = Primary-ign.-current armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ④ = To rectifier. Insulate lead if operated without rectifier.  
 ⑥ = To tail lamp  
 ⑦ = To stop lamp  
 ⑧ = To headlamp  
 bl = blue      ge = yellow



**D5**

Test specifications

Breaker-triggered magneto gen.



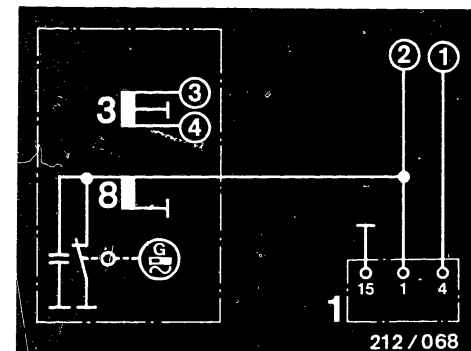
**D6**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap  mm	Contact force  N	Prim.-ign. current armature  $\Omega$ (prim.)	Capacitor  $\mu F$	Voltage  V	Test load  W	Speed  $\text{min}^{-1}$
128 001 RCP1 12V 40W	o.	0,35...0,45	6,5...10,0	2,4...2,8	0,15...0,2	12,8-13,8	40	6000



- 1 = Ignition coil  
 3 = Generator armature  
 8 = Primary-ign.-current armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ④ = To rectifier. Insulate lead if operated without rectifier.

o. = top

**D7**

Test specifications

Breaker-triggered magneto gen.



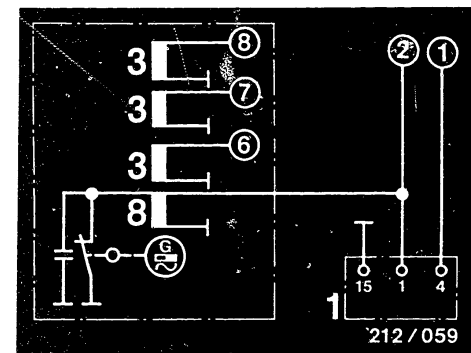
**D8**

Test specifications

Breaker-triggered magneto gen.



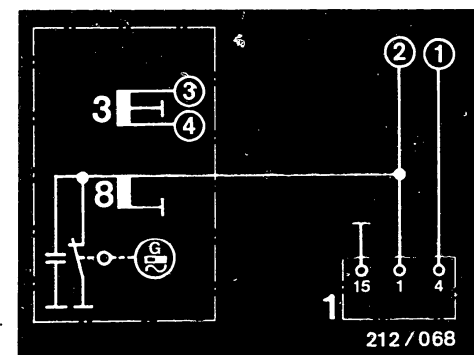
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
128 002 RCP1 12V 19/19/19W	o.	0,35...0,45	6,5...10,0	2,3...2,7	0,24...0,3	13,5-14,5	19	6000
128 003 RCP1 12V 40W	u.	0,35...0,45	6,5...10,0	2,4...2,8	0,15...0,2	12,8-13,8	40	6000



#### Legend:

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature.
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp

o. = top      u. = bottom



**D9**

Test specifications

Breaker-triggered magneto gen.



**D10**

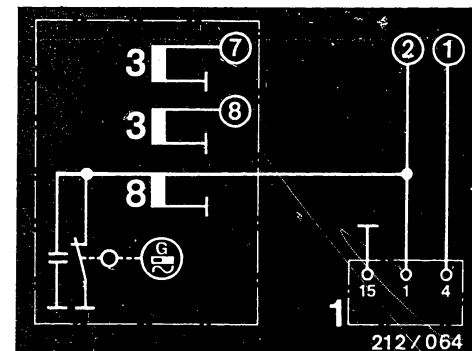
Test specifications

Breaker-triggered magneto gen.

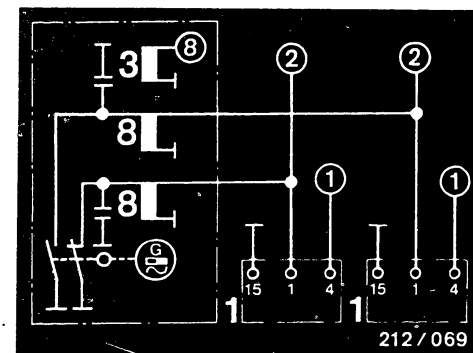




Part number Type code 0 212 ..	For diagram see	Ignition part				Gen rator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
128 004 RCP1 12V 40/19W	o.	0,35...0,45	6,5...10,0	2,3...2,7	0,24...0,3	13,7-14,9 14,5-15,5	40 19	6000
128 005 RCP1 12V 50W	u.	0,25...0,5	8 ... 12	—	0,24...0,3	14,0-15,0	50	6000
129 001 RCP2 12V 40W	u.	0,35...0,45	8,5...15,0	2,3...2,7	0,24...0,3	12,8-13,9	40	6000



- 1 = Ignition coil  
 3 = Generator armature  
 8 = Primary-ign.-current armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ⑦ = To stop lamp  
 ⑧ = To headlamp



o. = top      u. = bottom

**D11**

Test specifications

Breaker-triggered magneto gen.



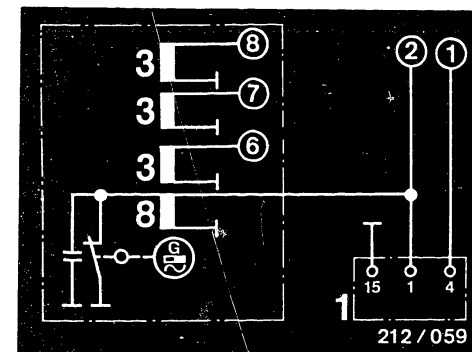
**D12**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap	Contact force	Prim.-ign. current armature	Capacitor	Voltage	Test load	Speed
		mm	N	$\Omega$ (prim.)	$\mu F$	V	W	$\text{min}^{-1}$
407 004 TAP1 12V 35-5/15-3W	o.	0,35...0,45	10,0...15,0	0,9...1,4	0,15...0,2	11,0-14,0 9,4-10,2 13,2-14,2 9,4-10,2	35 5 15 3	4000



- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp

o. = top

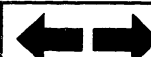
**D13**

Test specifications  
Breaker-triggered magneto gen.



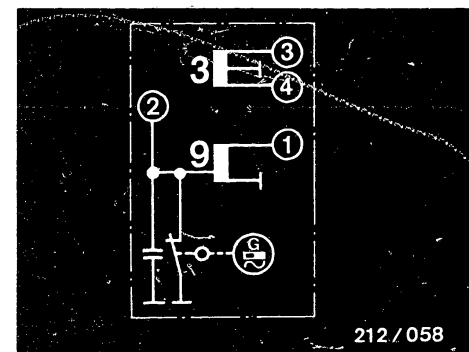
**D14**

Test specifications  
Breaker-triggered magneto gen.

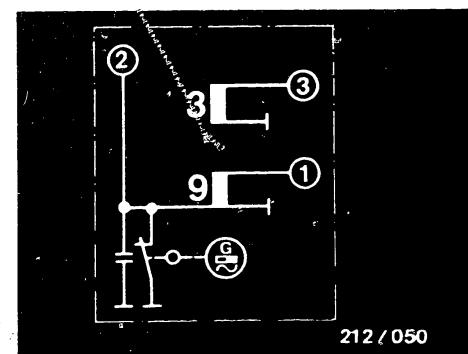


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
409 015 SB1 6V 16W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,8-7,8	16	4000
409 017 SB1 6V 16W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,8-7,8	16	4000
409 018 SB1 12V 40W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	12,8-13,8	40	4000
409 020 SB1 6V 16W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,8-7,8	16	4000
409 022 SB1 12V 40W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	12,8-13,8	40	4000
409 023 SB1 12V 40W	u.	0,35...0,45	6,5...10,5	—	0,24...0,3	12,8-13,8	40	4000

o. = top      u. = bottom



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ④ = To rectifier. Insulate lead if operated without rectifier.



**D 15**

Test specifications  
 Breaker-triggered magneto gen.



**D 16**

Test specifications  
 Breaker-triggered magneto gen.

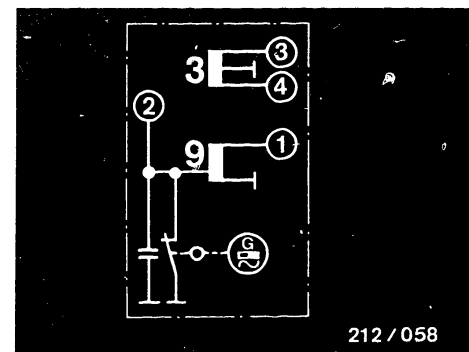
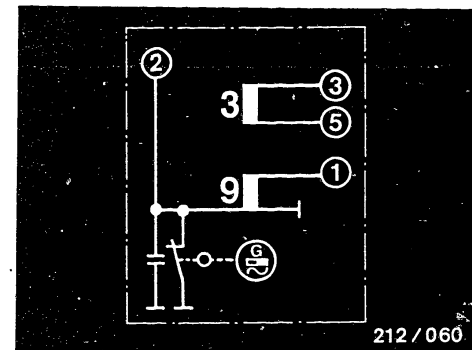


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
409 024 SB1 12V 40W	o.	0,35...0,45	0,5...10,5			12,8-13,8	40	4000
409 025 SB1 6V 16W	u.	0,35...0,45	6,5...10,5	1,7...1,9	0,24...0,3	6,8-7,8	16	6000
409 026 SB1 12V 40W	o.	0,35...0,45	6,5...10,5	1,7...1,9	0,24...0,3	12,8-13,8	40	6000
409 027 SB1 12V 40W	o.	0,35...0,45	6,5...10,5	1,7...1,9	0,24...0,3	13,8-14,8	40	4000

Legend:

- 3 = Generator armature
- 9 = Ignition armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑤ = To rectifier. Lead to ground if operated without rectifier.

o. = top      u. = bottom



**D17**

Test specifications  
Breaker-triggered magneto gen.

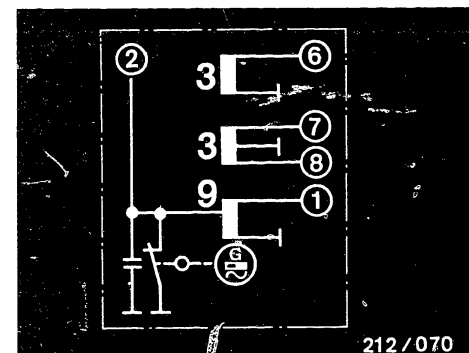


**D18**

Test specifications  
Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
411 005 T1 6V 35W	o.	0,3...0,4	6,5...10,5	—	0,24...0,3	5,6-6,6	35	4000
411 006 T1 6V 40/6W	o.	0,3...0,4	6,5...10,5	—	0,24...0,3	5,5-6,5	40	4000



- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ⑥ = To tail lamp  
 ⑦ = To stop lamp  
 ⑧ = To headlamp

o. = top

**D19**

Test specifications

Breaker-triggered magneto gen.



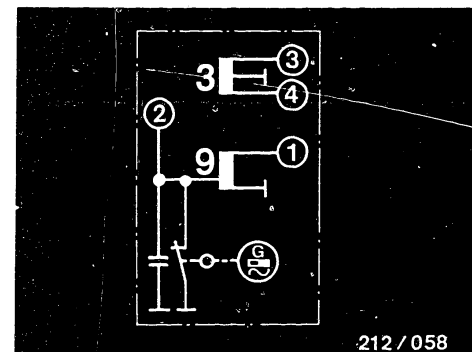
**D20**

Test specifications

Breaker-triggered magneto gen.

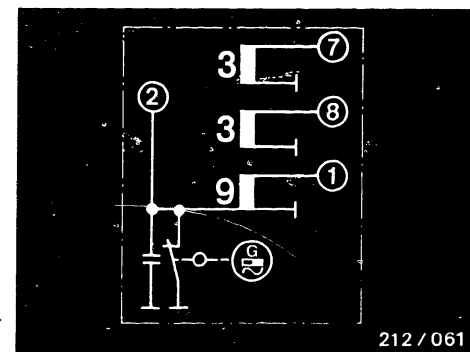


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
414 001 SB1V 6V 16W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,8-7,8	16	4000
414 005 SB1V 6V 16W	u.	0,35...0,45	6,5...10,5	—	0,24...0,3	6,8-7,8	16	4000
414 006 SB1V 6V 40W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	5,5-6,5	40	4000



212 / 058

- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ④ = To rectifier. Insulate lead if operated without rectifier.  
 ⑦ = To stop lamp  
 ⑧ = To headlamp



212 / 061

o. = top u. = bottom

**D21**

Test specifications  
 Breaker-triggered magneto gen.

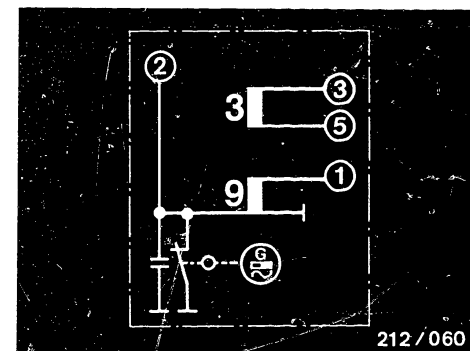


**D22**

Test specifications  
 Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
414 009 SB1V 12V 40W	o.	0,25...0,5	8 ... 12	1,7...1,9	0,24...0,3	12,8-13,8	40	4000
414 010 SB1V 6V 20W	o.	0,25...0,5	6,5...10,5	1,7...1,9	0,15...0,2	5,5-6,5	20	4000



212/060

- 3 = Generator armature  
 9 = Ignition armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ⑤ = To rectifier. Lead to ground if operated without rectifier.

o. = top

D23

Test specifications

Breaker-triggered magneto gen.



D24

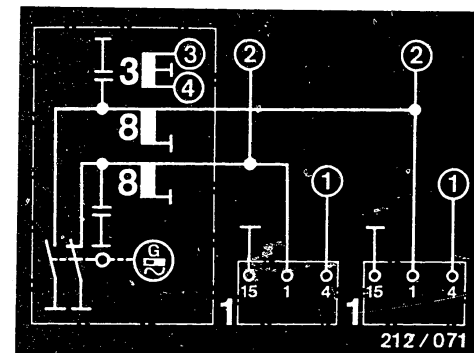
Test specifications

Breaker-triggered magneto gen.

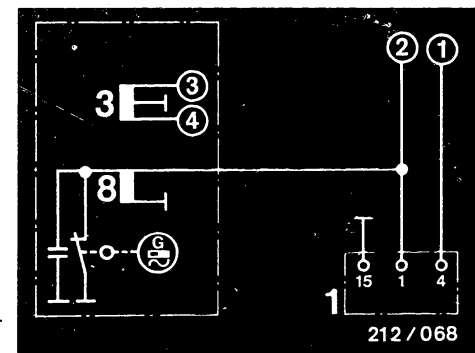


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
416 001 SCP2 12V 45W	o.	0,35...0,45	6,5...10,5	0,5...1,0	0,24...0,3	12,8-13,8	45	4000
416 002 SCP 1x2 12V 40W	u.	0,35...0,45	6,5...10,5	1,2...1,5	0,24...0,3	12,8-13,8	40	4000
416 003 SCP1x2 12V 50W	u.	0,35...0,45	6,5...10,5	1,2...1,5	0,24...0,3	12,8-13,8	50	4000
416 004 SCP1x2 12V 40W	u.	0,35...0,45	10,0...15,0	1,1...1,4	0,24...0,3	12,8-13,8	40	4000
416 005 SCP2 12V 50W	o.	0,35...0,45	6,5...10,5	1,5...1,8	0,24...0,3	13,6-14,6	50	4000
416 006 SCP2 12V 40W	o.	0,35...0,45	6,5...10,5	1,5...1,8	0,24...0,3	12,8-13,8	40	4000
416 007 SCP1x2 12V 40W	u.	0,35...0,45	10,0...15,0	1,1...1,4	0,24...0,3	12,8-13,8	40	4000
416 008 SCP2 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,3	0,24...0,3	13,5-14,5	75	4000
416 009 SCP1x2 12V 75W	u.	0,35...0,45	6,5...10,5	3,7...4,0	0,24...0,3	13,5-14,5	75	4000
416 010 SCP1x2 12V 75W	u.	0,35...0,45	10,0...15,0	3,7...4,0	0,24...0,3	13,5-14,5	75	4000

o. = top u. = bottom



- 1 = Ignition coil  
 3 = Generator armature  
 8 = Primary-ign.-current armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ④ = To rectifier. Insulate lead if operated without rectifier.



E1

Test specifications

Breaker-triggered magneto gen.



E2

Test specifications

Breaker-triggered magneto gen.





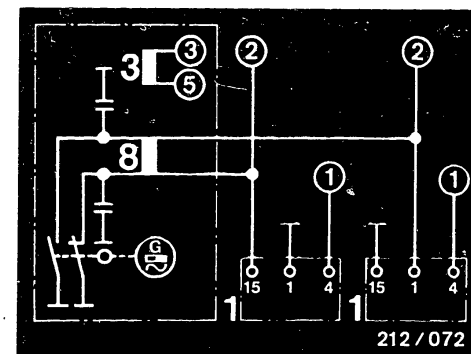
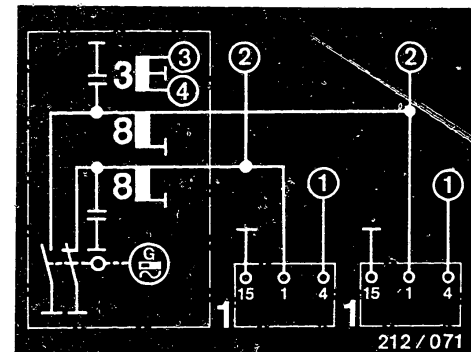
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap	Contact force	Prim.-ign. current armature	Capacitor	Voltage	Test load	Speed
		mm	N	$\Omega$ (prim.)	$\mu\text{F}$	V	W	$\text{min}^{-1}$
416 011 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,2	0,24...0,3	13,5-14,5	75	4000
416 012 SCP2V 12V 50W	o.	0,35...0,45	6,5...10,5	1,5...1,8	0,24...0,3	13,6-14,6	50	4000
416 014 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,2	0,24...0,3	13,5-14,5	75	4000
416 015 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,2	0,24...0,3	13,5-14,5	75	4000
416 016 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,2	0,24...0,3	13,5-14,5	75	4000
416 017 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,2	0,24...0,3	13,5-14,5	75	4000

#### Legend

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.

- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑤ = To rectifier. Lead to ground if operated without rectifier.

o. = top u. = bottom



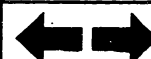
**E3**

Test specifications  
Breaker-triggered magneto gen.



**E4**

Test specifications  
Breaker-triggered magneto gen.



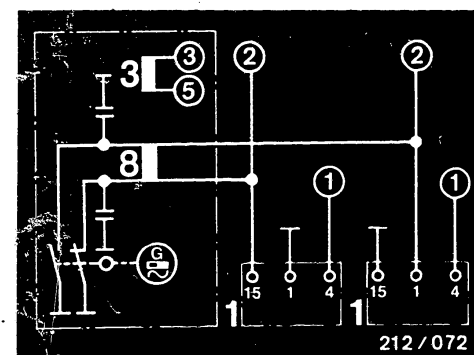
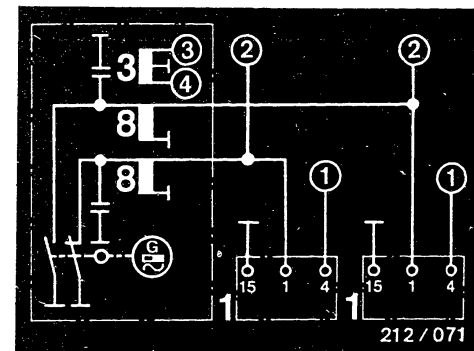
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
416 019 SCP2V 12V 40W	o.	0,35...0,45	6,5...10,5	1,5...1,8	0,24...0,3	13,8-14,8	40	4000
416 020 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,9...3,2	0,24...0,3	13,5-14,5	75	4000
416 021 SCP2 12V 75W	o.	0,35...0,45	10,0...15,0	2,9...3,2	0,24...0,3	13,5-14,5	75	4000
416 022 SCP2 12V 75W	u.	0,35...0,45	6,5...10,5	2,2...2,7	0,24...0,3	13,5-14,5	75	4000
416 023 SCP2V 12V 120W	u.	0,35...0,45	6,5...10,5	2,2...2,7	0,24...0,3	12,5-13,5	75	4000
416 024 SCP2V 12V 120W	u.	0,35...0,45	6,5...10,5	2,2...2,7	0,24...0,3	12,5-13,5	75	4000

#### Legend

- 1 = Ignition coil
- 2 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.

- ④ = To rectifier.  
Insulate lead if operated without rectifier.
- ⑤ = To rectifier. Lead to ground if operated without rectifier.

o. = top      u. = bottom



**E5**

Test specifications

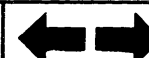
Breaker-triggered magneto gen.



**E6**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
416 025 SCP2 12V 75W	M.	0,35...0,45	6,5...10,5	2,2...2,7	0,24...0,3	13,5-14,5	75	4000
416 026 SCP2V 12V 75W	o.	0,35...0,45	6,5...10,5	2,2...2,7	0,24...0,3	13,5-14,5	75	4000
416 027 SCP2V 12V 75W	o.	0,25...0,5	6,5...10,5	3,2...3,7	0,24...0,3	13,5-14,5	75	4000
416 028 SCP2V 12V 75/23W <sup>1)</sup>	u.	0,35...0,45	6,5...10,5	2,2...2,7	0,24...0,3	12,3-13,3 12,3-13,3	75 23	4000
416 029 SCP2V 12V 75W	o.	0,35...0,45	10,0...15,0	3,2...3,7	0,24...0,3	13,5-14,5	75	4000

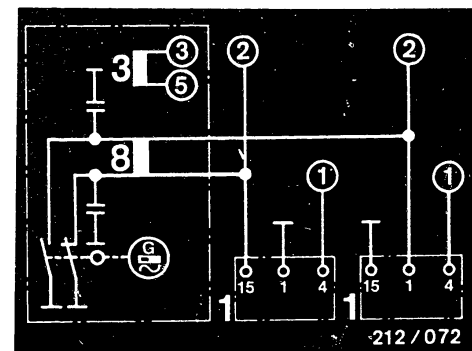
1) Load 75 W armature for 23 W test.

#### Legend

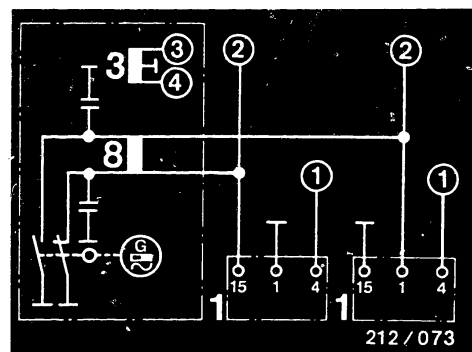
- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.
- ④ = To rectifier. Insulate lead if operated without rectifier.

- ⑤ = To rectifier. Lead to ground if operated without rectifier.
- ⑦ = To stop lamp

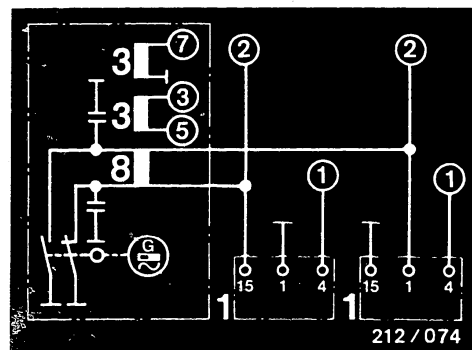
o. = top      u. = bottom      M = Center



212 / 072



212 / 073

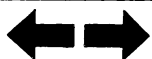


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E7

Test specifications

Breaker-triggered magneto gen.



E8

Test specifications

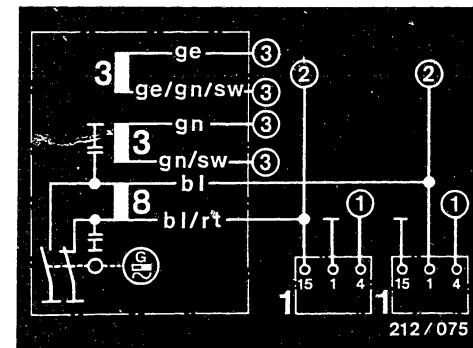
Breaker-triggered magneto gen.



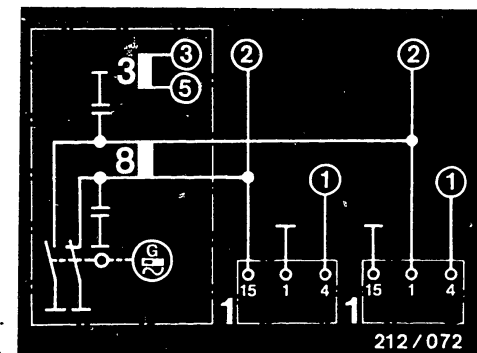
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
416 030 SCP2V 12V 100/23W	o. <sup>2)</sup>	0,35...0,45	6,5...10,5	2,0...2,7	0,24...0,3	12,3-13,3 12,3-13,3	100 23	4000
416 031 SCP2V 12V 100/23W	o. <sup>2)</sup>	0,25...0,5	8 ... 12	3,2...3,7	0,24...0,3	12,3-13,3 12,3-13,3	100 23	4000
416 032 SCP2V 12V 75/23W	o. <sup>1)</sup>	0,25...0,5	6,5...10,5	3,2...3,7	0,24...0,3	12,3-13,3 12,3-13,3	75 23	4000
416 033 SCP2V 12V 100W	u.	0,25...0,5	6,5...10,5	3,2...3,7	0,24...0,3	12,5-13,5	100	4000
416 034 SCP2V 12V 100W	u.	0,35...0,45	6,5...10,5	3,2...3,7	0,24...0,3	12,8-13,8	100	4000
416 036 SCP2V 12V 100/23W	o.	0,35...0,45	6,5...10,5	3,2...3,7	0,24...0,3	12,3-13,3 12,3-13,3	100 23	4000
416 037 SCP2V 12V 140 W	o.	0,25...0,5	10 ... 15	3,2...3,7	0,24...0,3	14,6-15,6 14,6-15,6	68 89	4000
416 038 SCP2V 12V 100/23W	o.	0,35...0,45	6,5...10,5	3,2...3,7	0,24...0,3	12,3-13,3 12,3-13,3	100 23	4000
416 039 SCP2V 12V 150W	o. <sup>3)</sup>	0,25...0,5	6,5...10,5	3,2...3,7	0,15...0,2	13,2-14,2	113	4000

- 1) Test voltage 12.8 V for 23 W. 75W armature loaded.  
2) Test voltage 12.8 V for 23 W. 100 W armature loaded.  
3) Only for operation with AC regulator 1 214 210 400 - 402  
o. = top      u. = bottom

b1 = blue      ge = yellow  
gn = green      rt = red  
sw = black



- 1 = Ignition coil  
3 = Generator armature  
8 = Primary-ign.-current armature  
① = To spark plug  
② = To short-circuiting device  
③ = To rectifier. To the loads if operated without rectifier.  
⑤ = To rectifier. Lead to ground if operated without rectifier.



E9

Test specifications

Breaker-triggered magneto gen.



E10

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
417 001 SC1V 12V 40W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	12,8-13,8	40	4000
417 002 SC1V 12V 40W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	12,8-13,8	40	4000
417 003 SC1V 12V 40W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	12,8-13,8	40	4000
417 004 SB1V 12V 40W	u.	0,25...0,5	10,0...15,0	1,7...1,9	0,24...0,3	12,8-13,8	40	4000
419 001 SC1 12V 40W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	12,8-13,8	40	4000
419 002 SC1 12V 50W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	12,8-13,8	40	4000
419 003 SC1 12V 40W	o.	0,35...0,45	10,0...15,0	—	0,24...0,3	12,8-13,8	40	4000
420 001 SCP1 12V 75W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	13,5-14,5	75	4000

**Legend:**

3 = Generator armature

9 = Ignition armature

① = To spark plug

② = To short-circuiting device

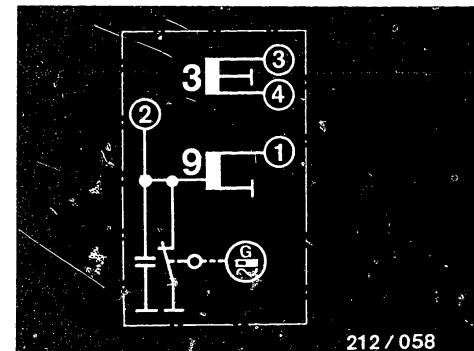
③ = To rectifier. To the loads if operated without rectifier.

④ = To rectifier. Insulate lead if operated without rectifier.

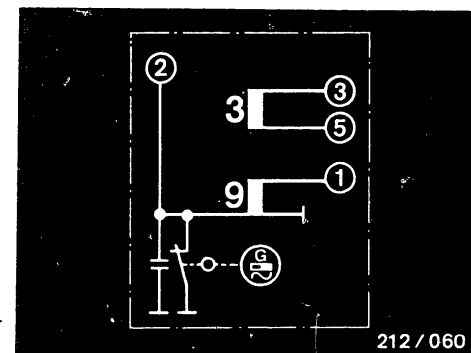
⑤ = To rectifier. Lead to ground if operated without rectifier.

o. = top

u. = bottom



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212 / 060

**E11**

Test specifications

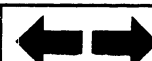
Breaker-triggered magneto gen.



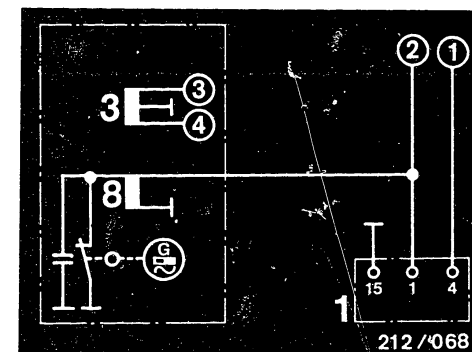
**E12**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
420 003 SCP1 12V 75W	o.	0,35...0,45	6,5...10,5	—	0,24...0,3	13,5-14,5	75	4000
420 004 SCP1 12V 75W	u.	0,35...0,45	6,5...10,5	—	0,24...0,3	13,5-14,5	75	4000

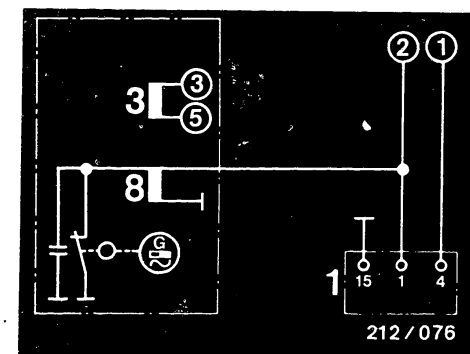


#### Legend:

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑤ = To rectifier. Lead to ground if operated without rectifier.

o. = top

u. = bottom



**E13**

Test specifications

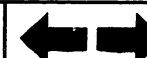
Breaker-triggered magneto gen.



**E14**

Test specifications

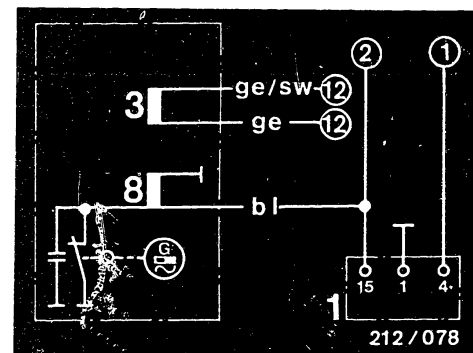
Breaker-triggered magneto gen.



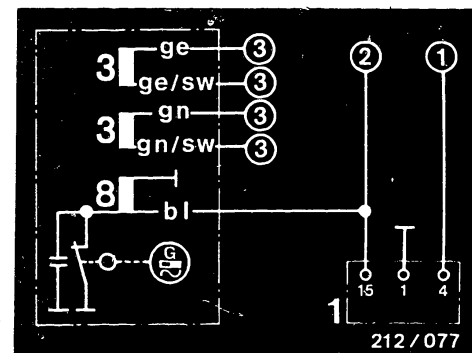
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
420 005 SCP1 12V 75W	o.	0,35...0,45	6,5...10,5	3,0...3,7	0,24...0,3	13,5-14,5	75	4000
420 006 SCP1 12V 75/23W	u. <sup>1)</sup>	0,25...0,5	8 ... 12	3,0...3,7	0,24...0,3	13,0-14,0 14,4-15,4	75 23	4000
420 007 SCP1 12V 100W	u.	0,25...0,5	6,5...10,5	3,0...3,7	0,24...0,3	12,5-13,5	100	4000
420 008 SCP1 12V 100W	o.	0,35...0,45	6,5...10,5	3,2...3,8	0,15...0,2	12,5-13,5	100	4000
420 009 SCP1 12V 140W	u.	0,25...0,5	8 ... 12	3,0...3,6	0,15...0,2	14,6-15,6 14,6-15,6	68 69	4000

1) Test voltage 12.8 V for 23 W, 75 W armature loaded.

o. = top      u. = bottom



- 1 = Ignition coil  
 3 = Generator armature  
 8 = Primary-ign.-current armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 ⑫ = Only for regulator operation  
 ge = yellow      bl = blue  
 gn = green      sw = black



**E15**

Test specifications  
 Breaker-triggered magneto gen.



**E16**

Test specifications  
 Breaker-triggered magneto gen.

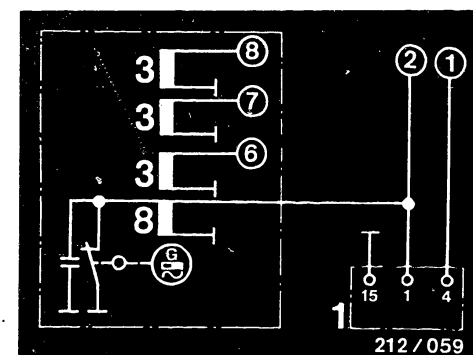
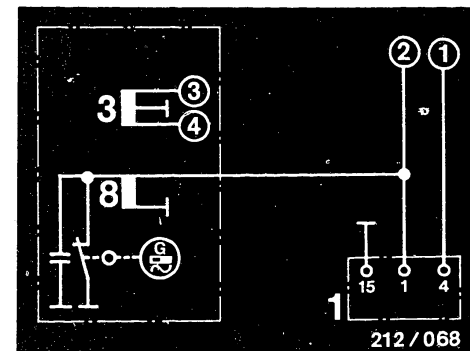


Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
422 001 SCP1V 12V 75W	o.	0,35...0,45	—	3,3...3,7	0,24...0,3	13,5-14,5	75	4000
422 002 SCP1V 12V 75W	o.	0,35...0,45	—	3,3...3,7	0,24...0,3	13,5-14,5	75	4000
422 003 SCP1V 12V 75W	u.	0,35...0,45	—	3,3...3,7	0,24...0,3	13,5-14,5	75	4000
422 004 SCP1V 12V 75W	o.	0,35...0,45	—	3,3...3,7	0,24...0,3	13,5-14,5	75	4000

Legend:

- 1 = Ignition coil
- 3 = Generator armature
- 8 = Primary-ignition-current armature
- ① = To spark plug
- ② = To short-circuiting device
- ③ = To rectifier. To the loads if operated without rectifier.
- ④ = To rectifier. Insulate lead if operated without rectifier.
- ⑥ = To tail lamp
- ⑦ = To stop lamp
- ⑧ = To headlamp

o. = top      u. = bottom



**E17**

Test specifications

Breaker-triggered magneto gen.



**E18**

Test specifications

Breaker-triggered magneto gen.





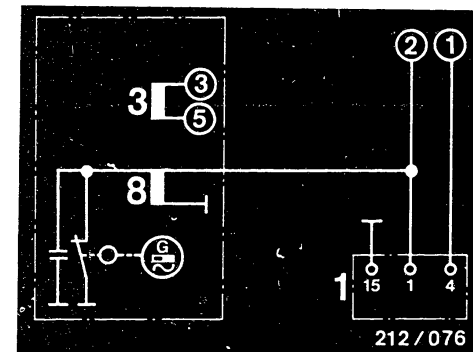
Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap mm	Contact force N	Prim.-ign. current armature $\Omega$ (prim.)	Capacitor $\mu F$	Voltage V	Test load W	Speed $\text{min}^{-1}$
422 005 SCP1V 12V 75W	o.	0,35...0,45	—	3,7...4,1	0,24...0,3	13,5-14,5	75	4000
422 006 SCP1V 12V 75W	o.	0,25...0,5	8 ... 12	3,0...3,4	0,24...0,3	13,5-14,5	75	4000
422 007 SCP1V 12V 75/23W	u. <sup>1)</sup>	0,25...0,5	10... 13	3,4...4,2	0,24...0,3	13,0-14,0 14,4-15,4	75 23	4000
422 009 SCP1V 12V 100/23W	u. <sup>2)</sup>	0,25...0,5	10,0...15,0	3,4...4,2	0,15...0,2	12,3-13,3 12,3-13,3	100 23	4000

1) Test voltage 12.8 V for 23 W. 75W armature loaded

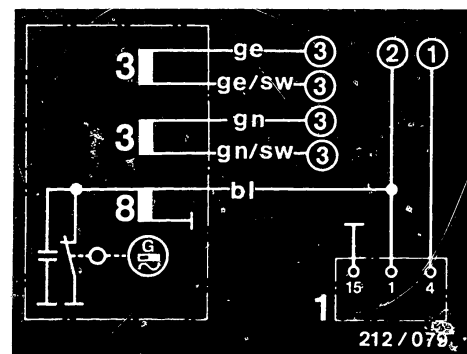
2) Test voltage 12.8 V for 23W. 100W armature loaded

o. = top

u. = bottom



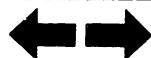
- 3 = Generator armature  
8 = Primary-ign.-current armature  
① = To spark plug  
② = To short-circuiting device  
③ = To rectifier. To the loads if operated without rectifier.  
⑤ = To rectifier. Lead to ground if operated without rectifier.  
ge = yellow      bl = blue  
gn = green      sw = black



**E19**

Test specifications

Breaker-triggered magneto gen.



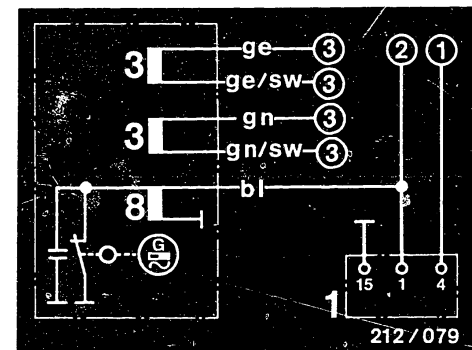
**E20**

Test specifications

Breaker-triggered magneto gen.



Part number Type code 0 212 ..	For diagram see	Ignition part				Generator part		
		Contact cap	Contact force	Prim.-ign. current armature	Capacitor	Voltage	Test load	Speed
		mm	N	$\Omega$ (prim.)	$\mu F$	V	W	$\text{min}^{-1}$
423 002 SBP1V 12V 50W	o.	0,25...0,5	8 ... 12	3,1...3,7	—	14,0-15,0	50	4000



- 3 = Generator armature  
 8 = Primary-ign.-current armature  
 ① = To spark plug  
 ② = To short-circuiting device  
 ③ = To rectifier. To the loads if operated without rectifier.  
 bl = blue  
 ge = yellow  
 gn = green  
 sw = black

o. = top

**E21**

Test specifications

Breaker-triggered magneto gen.



**E22**

Test specifications

Breaker-triggered magneto gen.



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Automotive Equipment - After-Sales Service  
Department for Technical Publications KH/VDT  
Postfach 50, D-7000 Stuttgart 1

Published by: After-Sales Service Department for  
Training and Technology (KH/VSK). Press date: 11.1985.  
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Microfilmed in the Federal Republic of Germany. Micro-  
photographié en République Fédérale d'Allemagne.

